

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099827.D
 Acq On : 25 Oct 2017 21:43
 Operator : SJ/JU
 Sample : I6068-01MSD 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 02:37:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	75735	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	313699	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	143282	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	256197	20.00	ng	0.00
75) Chrysene-d12	13.99	240	185599	20.00	ng	0.00
86) Perylene-d12	15.46	264	158709	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	108428	22.48	ng	0.00
7) Phenol-d6	6.43	99	136751	23.91	ng	0.00
23) Nitrobenzene-d5	7.36	82	74849	15.36	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	30449	23.32	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	172572	18.58	ng	0.00
78) Terphenyl-d14	12.92	244	143986	16.95	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.48	88	11139	5.229	ng	88
4) n-Nitrosodimethylamine	3.24	42	6743	3.684	ng	# 96
6) Aniline	6.46	93	38576	5.201	ng	# 83
8) 2-Chlorophenol	6.58	128	40697	7.916	ng	94
9) Benzaldehyde	6.36	77	24559	7.185	ng	89
10) Phenol	6.45	94	56342	8.971	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	37876	7.810	ng	94
12) 1,3-Dichlorobenzene	6.73	146	43647	7.561	ng	95
13) 1,4-Dichlorobenzene	6.81	146	43982	7.507	ng	98
14) 1,2-Dichlorobenzene	6.96	146	42955	8.044	ng	97
15) Benzyl Alcohol	6.95	79	30529	8.393	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	48182	8.944	ng	65
17) 2-Methylphenol	7.06	107	33631	7.820	ng	95
18) Hexachloroethane	7.30	117	10653	5.450	ng	95
19) n-Nitroso-di-n-propylamine	7.20	70	26165	7.806	ng	97
20) 3+4-Methylphenols	7.22	107	46378	9.262	ng	# 81
22) Acetophenone	7.20	105	57310	8.024	ng	# 93
24) Nitrobenzene	7.38	77	37928	7.725	ng	# 93
25) Isophorone	7.62	82	72526	8.203	ng	95
26) 2-Nitrophenol	7.70	139	18255	6.492	ng	# 87
27) 2,4-Dimethylphenol	7.74	122	37116	8.958	ng	93
28) bis(2-Chloroethoxy)methane	7.82	93	47694	7.702	ng	97
29) 2,4-Dichlorophenol	7.95	162	34575	8.033	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	36575	7.953	ng	99
31) Naphthalene	8.10	128	131560	8.688	ng	99
32) Benzoic acid	7.74	122	37116	10.177	ng	# 11
33) 4-Chloroaniline	8.16	127	39085	6.251	ng	94
34) Hexachlorobutadiene	8.21	225	18182	7.687	ng	97
35) Caprolactam	8.50	113	8809	6.508	ng	# 72
36) 4-Chloro-3-methylphenol	8.65	107	35125	7.996	ng	97
37) 2-Methylnaphthalene	8.79	142	90463	8.915	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	33923	7.331	ng	98
42) 2,4,6-Trichlorophenol	9.08	196	23424	8.368	ng	96
43) 2,4,5-Trichlorophenol	9.13	196	23380	7.871	ng	93

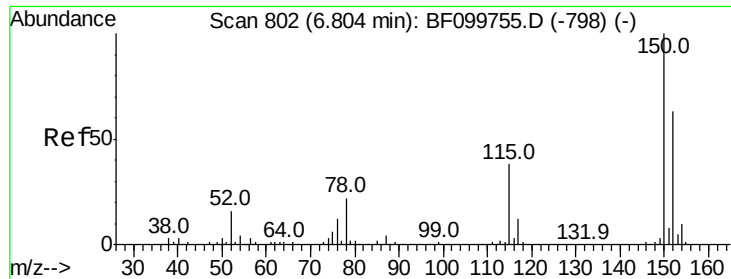
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099827.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.26	154	102986	7.945	ng	97
46) 2-Chloronaphthalene	9.29	162	76420	8.118	ng	94
47) 2-Nitroaniline	9.39	65	19083	7.724	ng	# 78
48) Acenaphthylene	9.70	152	151352	10.439	ng	100
49) Dimethylphthalate	9.56	163	95590	8.424	ng	99
50) 2,6-Dinitrotoluene	9.63	165	17477	7.327	ng	90
51) Acenaphthene	9.87	154	82597	9.324	ng	98
52) 3-Nitroaniline	9.80	138	21220	7.550	ng	97
54) Dibenzofuran	10.05	168	120783	9.659	ng	96
55) 4-Nitrophenol	10.00	139	19532	13.300	ng	88
56) 2,4-Dinitrotoluene	10.05	165	21192	7.377	ng	# 88
57) Fluorene	10.39	166	103799	10.025	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	15006	7.205	ng	90
59) Diethylphthalate	10.26	149	87798	7.924	ng	97
60) 4-Chlorophenyl-phenylether	10.37	204	38376	7.876	ng	91
61) 4-Nitroaniline	10.42	138	21287	7.938	ng	84
62) Azobenzene	10.54	77	85724	9.229	ng	82
65) n-Nitrosodiphenylamine	10.50	169	74224	7.848	ng	98
66) 4-Bromophenyl-phenylether	10.87	248	21157	7.844	ng	89
67) Hexachlorobenzene	10.94	284	21085	7.641	ng	95
68) Atrazine	11.02	200	22536	7.933	ng	97
69) Pentachlorophenol	11.15	266	13782	11.689	ng	96
70) Phenanthrene	11.36	178	448296	31.006	ng	98
71) Anthracene	11.41	178	208382	14.199	ng	100
72) Carbazole	11.57	167	135939	9.850	ng	98
73) Di-n-butylphthalate	11.89	149	145218	8.250	ng	# 98
74) Fluoranthene	12.55	202	637187	42.407	ng	99
77) Pyrene	12.79	202	585155	41.463	ng	99
79) Butylbenzylphthalate	13.39	149	55651	8.008	ng	90
80) Benzo(a)anthracene	13.97	228	336798	28.625	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	27021	6.327	ng	98
82) Chrysene	14.02	228	293488	26.533	ng	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	83294	8.535	ng	99
84) Di-n-octyl phthalate	14.56	149	126758	7.567	ng	95
85) Indeno(1,2,3-cd)pyrene	16.94	276	138536	13.643	ng	99
87) Benzo(b)fluoranthene	15.03	252	309767	30.910	ng	# 96
88) Benzo(k)fluoranthene	15.03	252	309767	32.779	ng	98
89) Benzo(a)pyrene	15.40	252	242979	26.991	ng	96
90) Dibenzo(a,h)anthracene	16.94	278	72074	9.010	ng	# 96
91) Benzo(g,h,i)perylene	17.39	276	118973	15.202	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

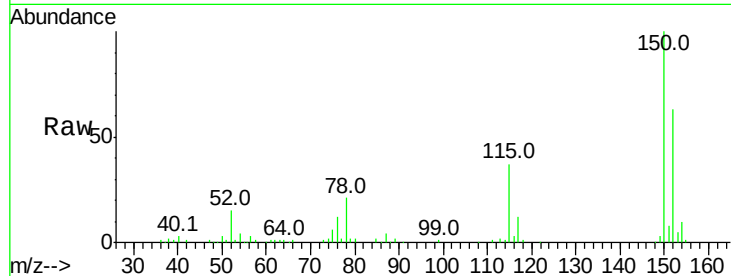


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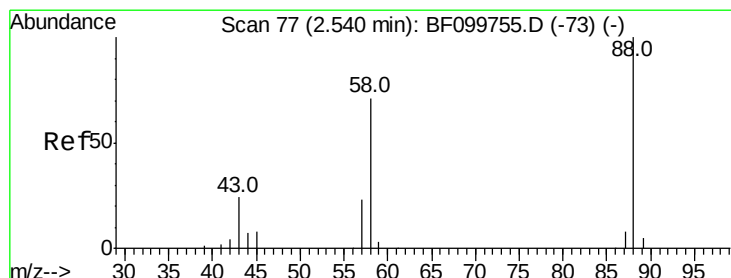
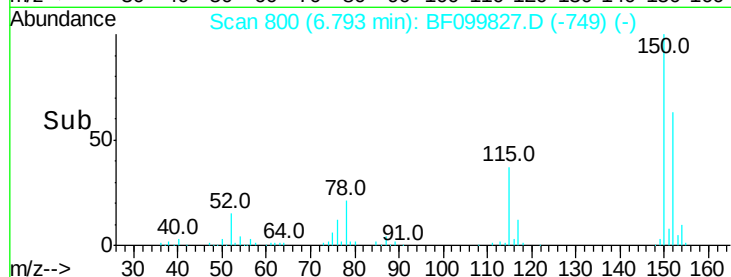
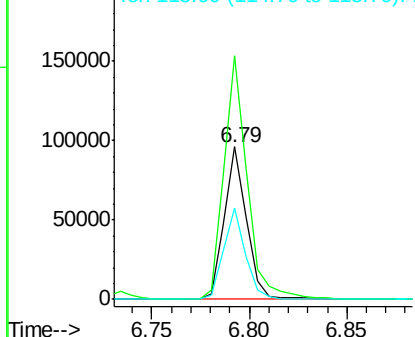
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 75735
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.6 186.8
 115 59.9 50.1 75.1



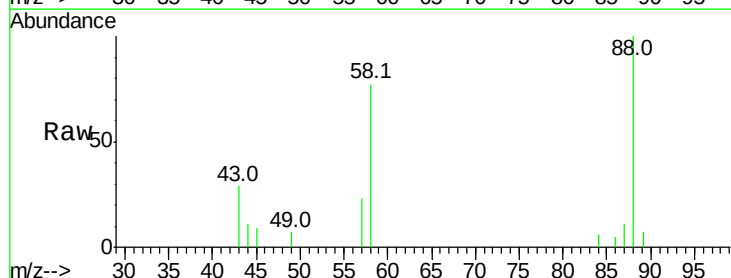
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



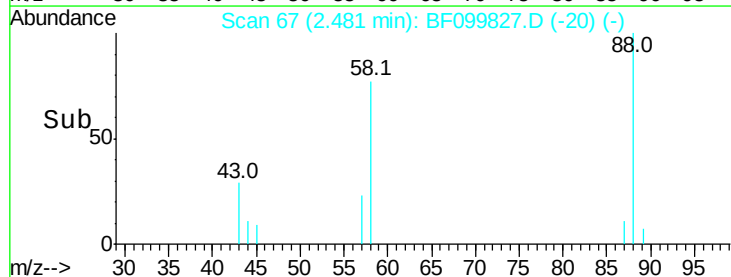
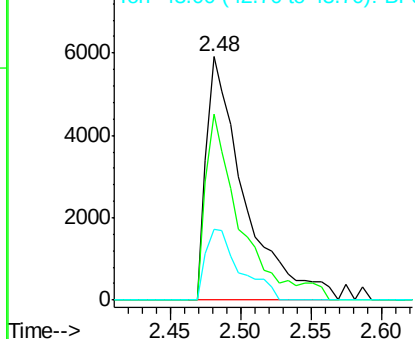
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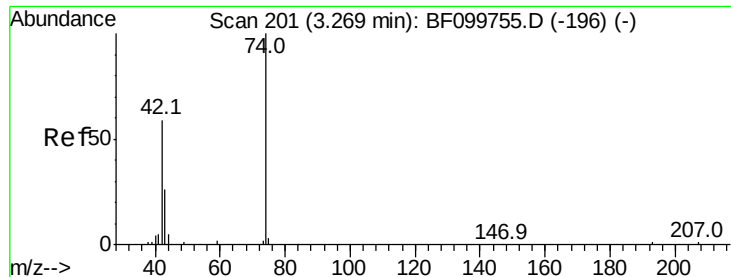
1,4-Dioxane
 Concen: 5.229 ng
 RT: 2.48 min Scan# 67
 Delta R.T. -0.02 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

Tgt Ion: 88 Resp: 11139
 Ion Ratio Lower Upper
 88 100
 58 66.4 62.6 93.8
 43 25.8 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0



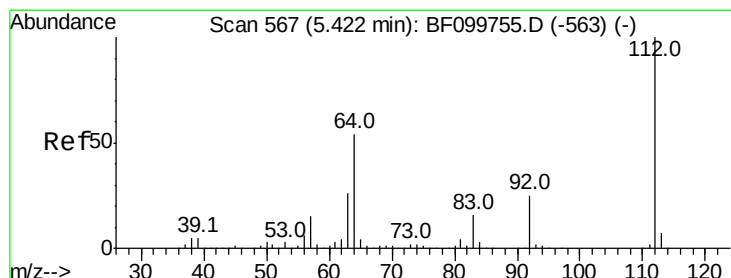
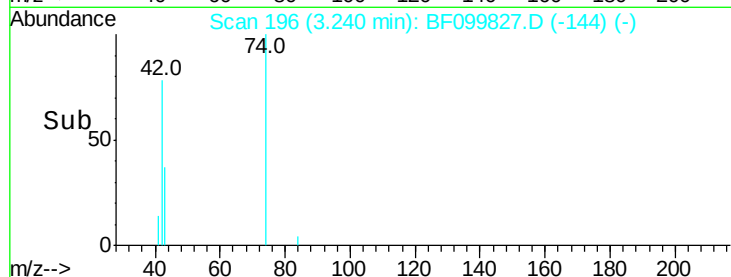
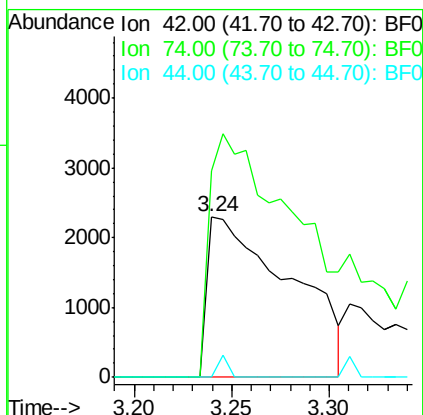
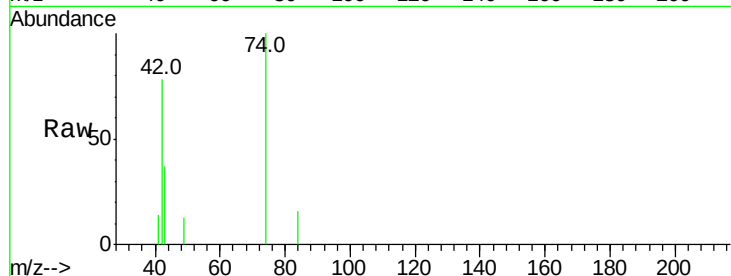


#4

n-Nitrosodimethylamine
Concen: 3.684 ng
RT: 3.24 min Scan# 196
Delta R.T. 0.01 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Instrument :
BNA_F
ClientSampleId :

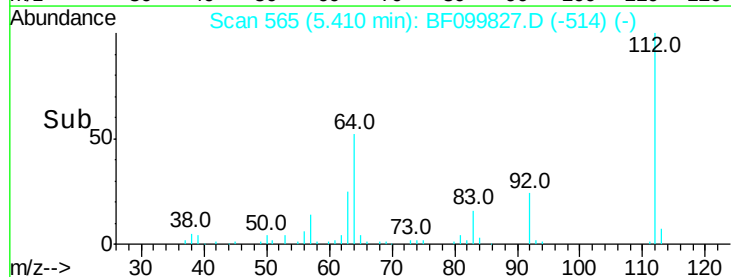
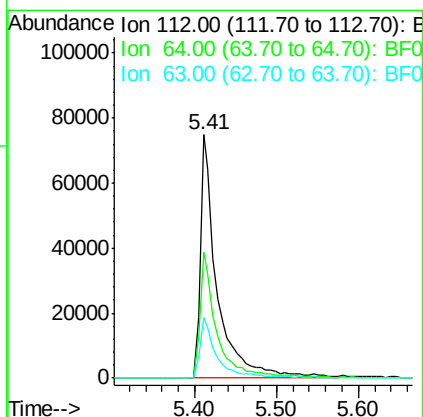
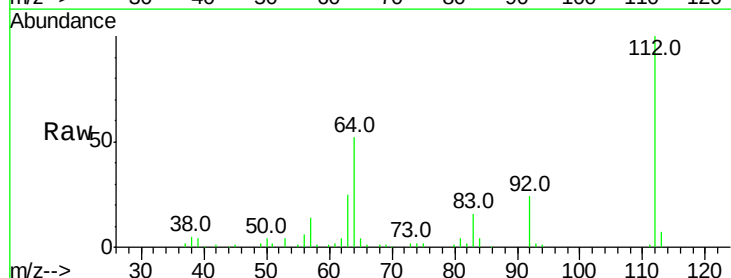
Tot Ion: 42 Resp: 6743
Ion Ratio Lower Upper
42 100
74 128.4 104.9 157.3
44 0.0 6.9 10.3#

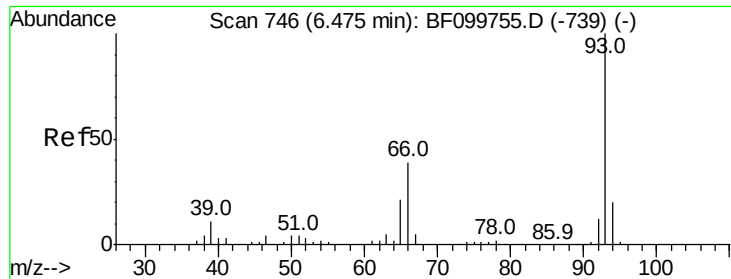


#5

2-Fluorophenol
Concen: 22.477 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Tgt Ion: 112 Resp: 108428
Ion Ratio Lower Upper
112 100
64 51.8 47.9 71.9
63 24.8 23.7 35.5





#6

Aniline

Concen: 5.201 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

Instrument :

BNA_F

ClientSampleId :

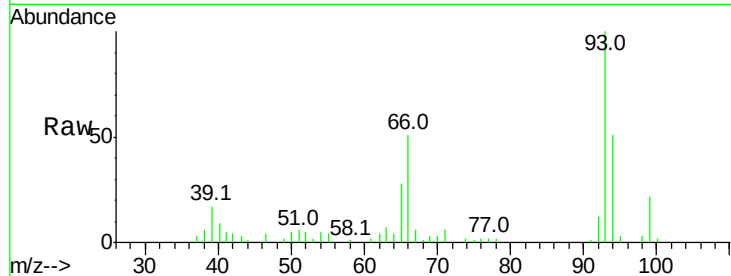
Tot Ion: 93 Resp: 38576

Ion Ratio Lower Upper

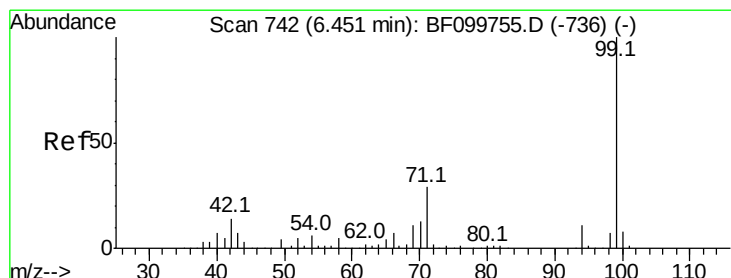
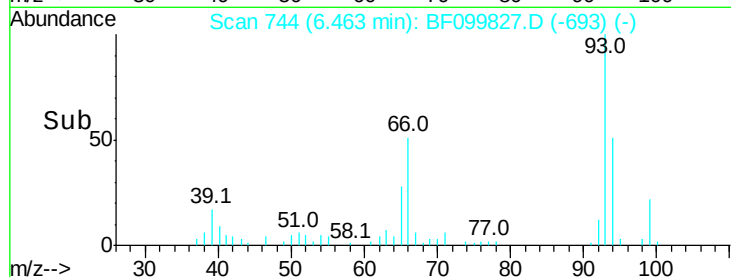
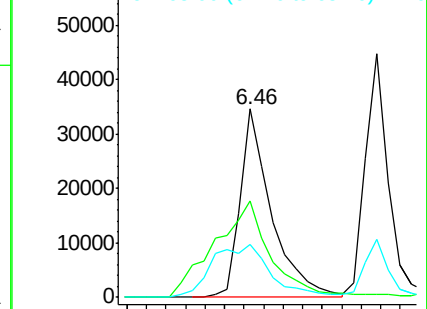
93 100

66 51.3 32.2 48.2#

65 28.1 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 23.908 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

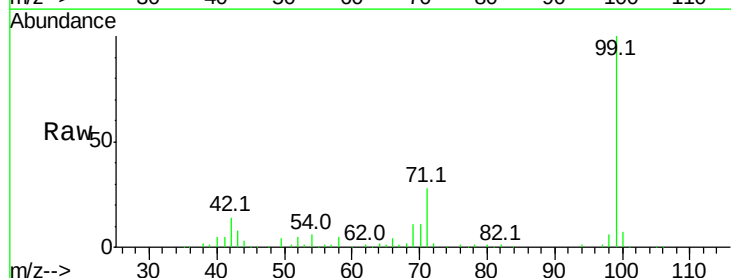
Tgt Ion: 99 Resp: 136751

Ion Ratio Lower Upper

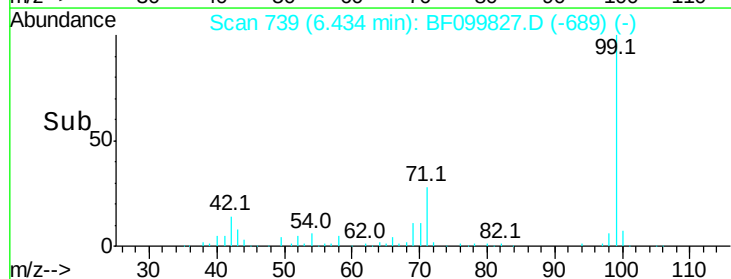
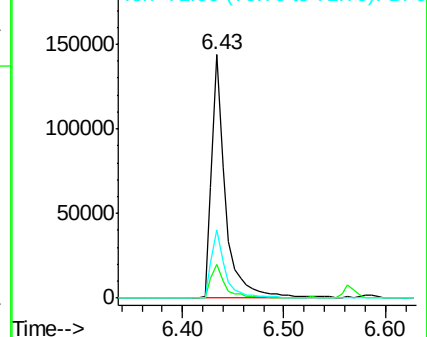
99 100

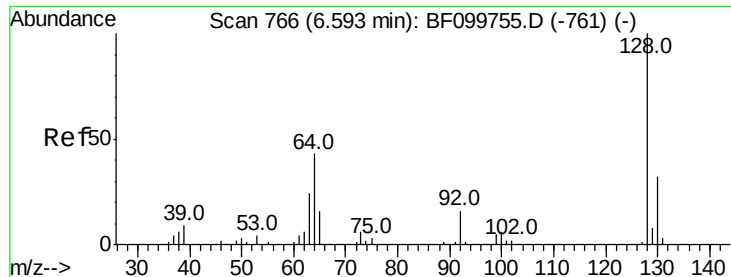
42 13.6 14.5 21.7#

71 28.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

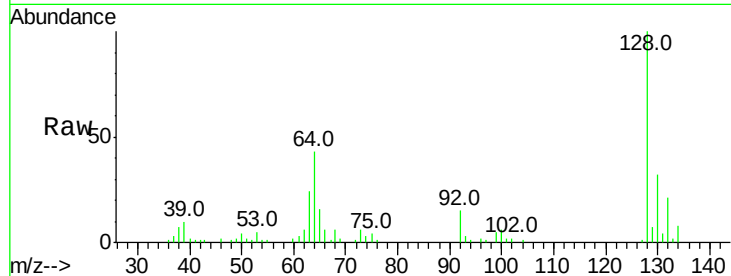




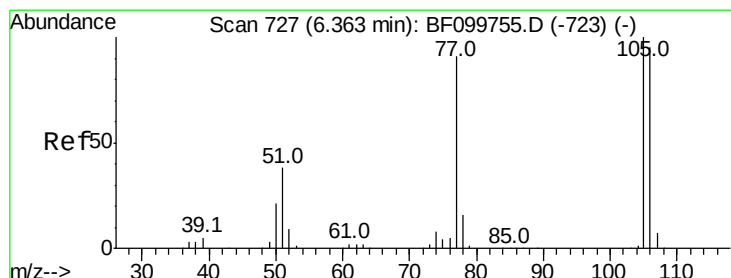
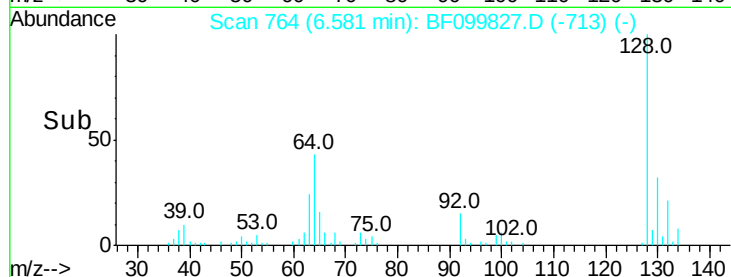
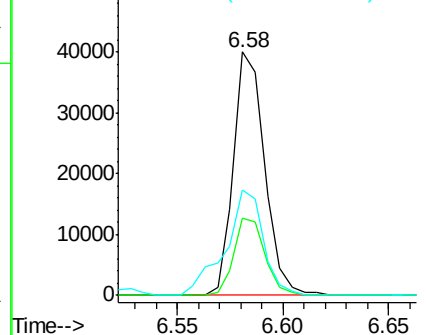
#8
2-Chlorophenol
Concen: 7.916 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 40697
Ion Ratio Lower Upper
128 100
130 31.6 13.0 53.0
64 43.4 29.4 69.4

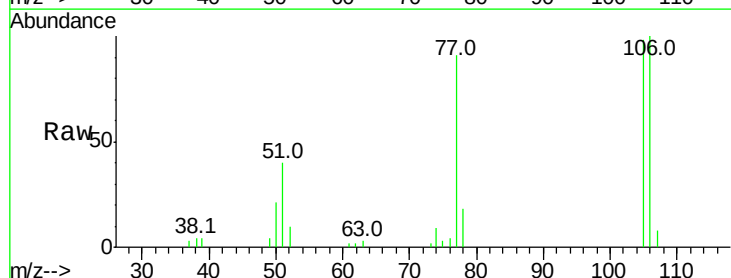


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

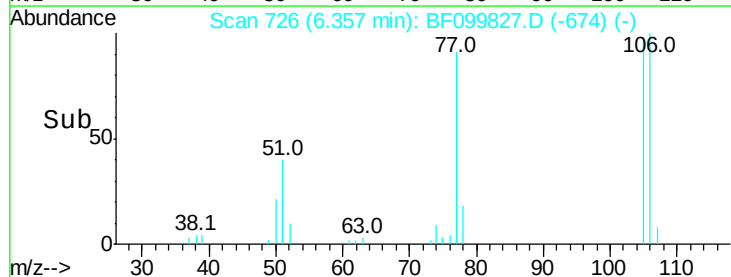
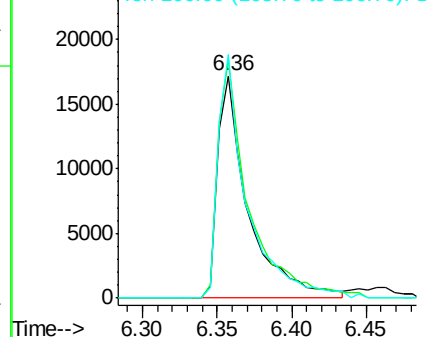


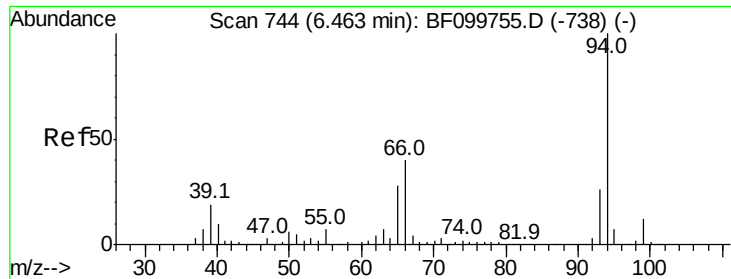
#9
Benzaldehyde
Concen: 7.185 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Tgt Ion: 77 Resp: 24559
Ion Ratio Lower Upper
77 100
105 107.6 81.1 121.1
106 109.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

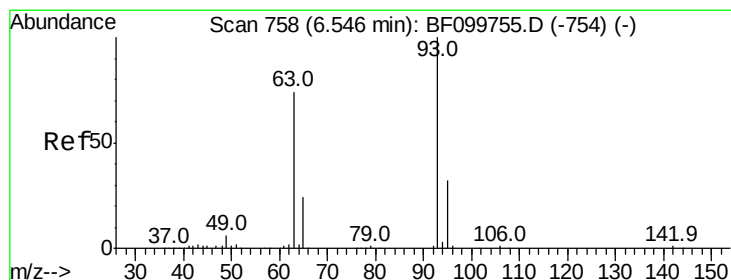
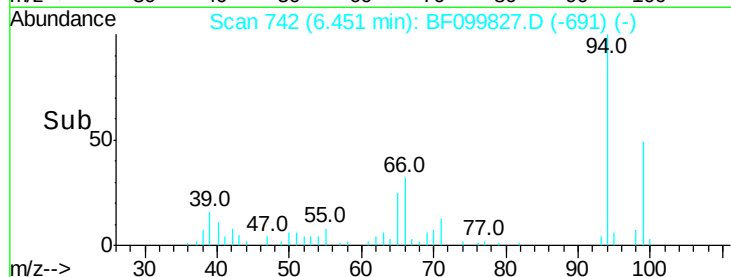
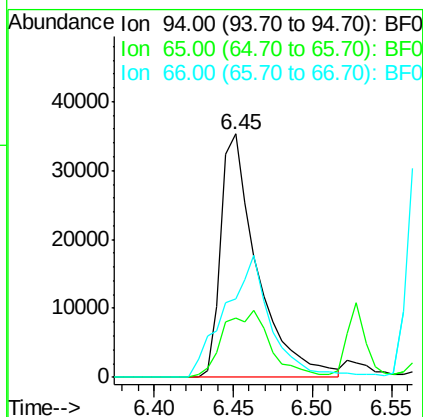
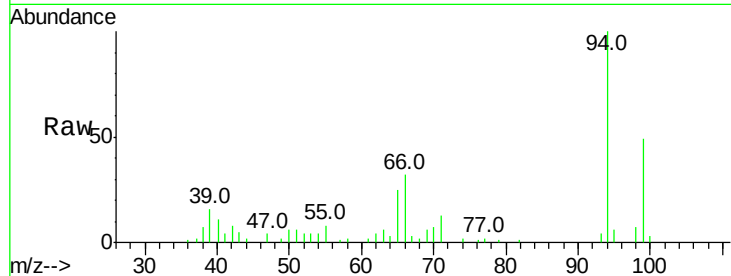




#10
Phenol
Concen: 8.971 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

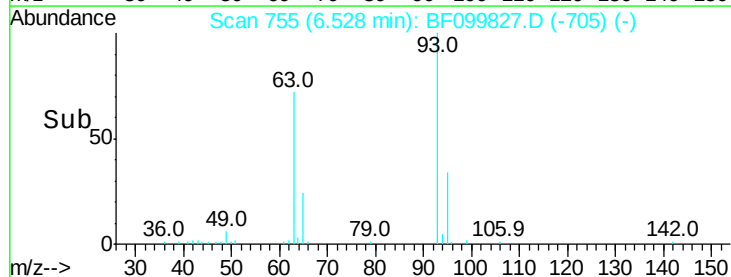
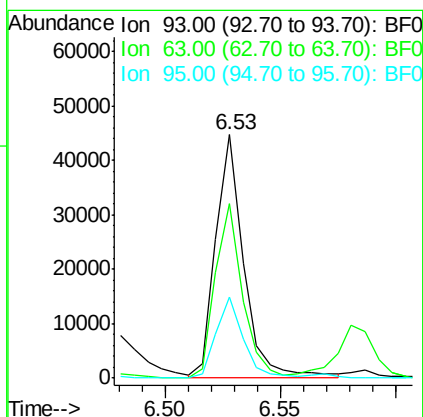
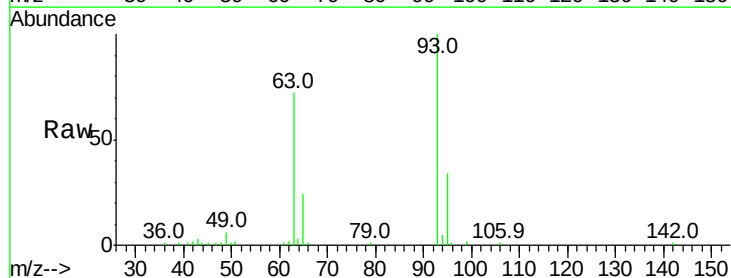
Instrument :
BNA_F
ClientSampled :

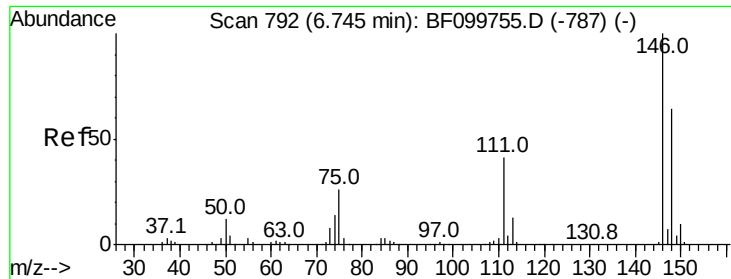
Tot Ion: 94 Resp: 56342
Ion Ratio Lower Upper
94 100
65 24.6 7.9 47.9
66 32.2 16.2 56.2



#11
bis(2-Chloroethyl)ether
Concen: 7.810 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Tgt Ion: 93 Resp: 37876
Ion Ratio Lower Upper
93 100
63 71.7 58.6 98.6
95 33.5 11.8 51.8

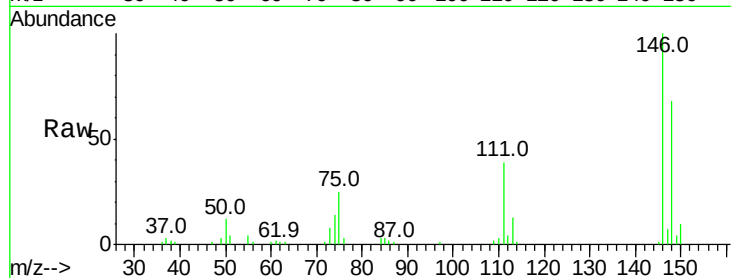




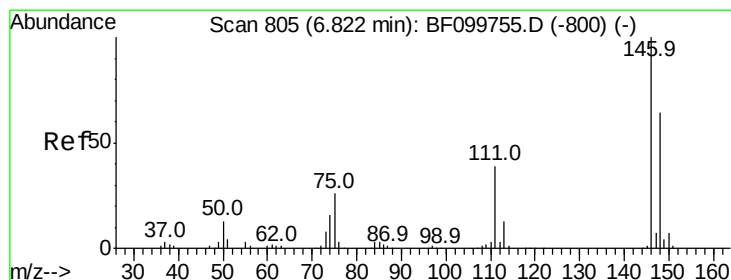
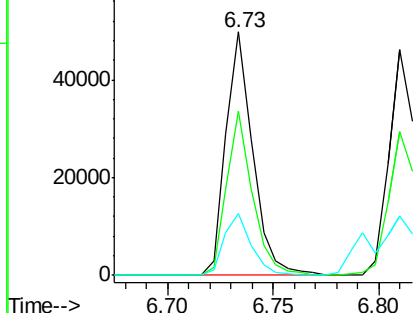
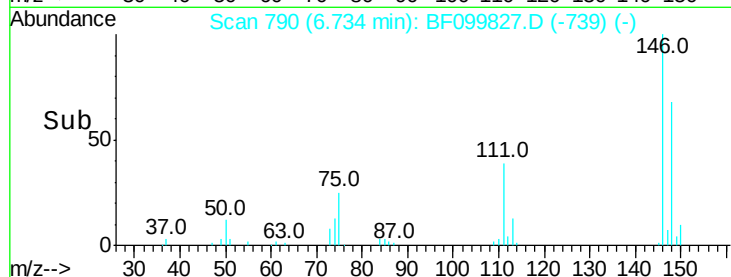
#12
 1,3-Dichlorobenzene
 Concen: 7.561 ng
 RT: 6.73 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.6	51.8	77.8
75	25.4	24.2	36.4

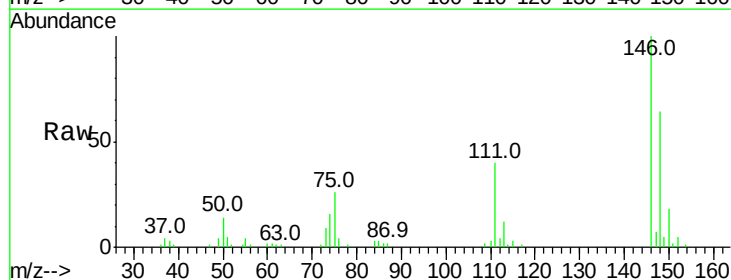


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

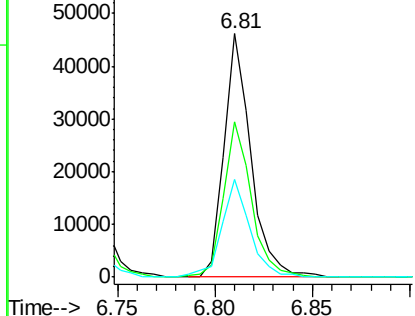
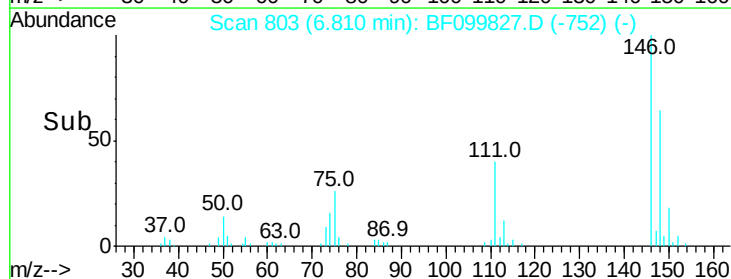


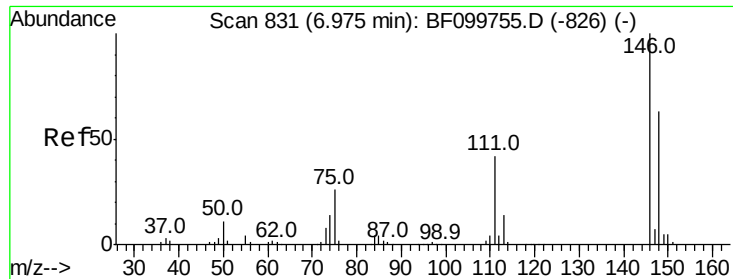
#13
 1,4-Dichlorobenzene
 Concen: 7.507 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	40.2	34.2	51.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

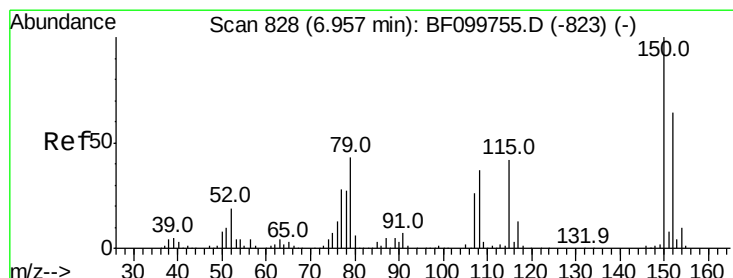
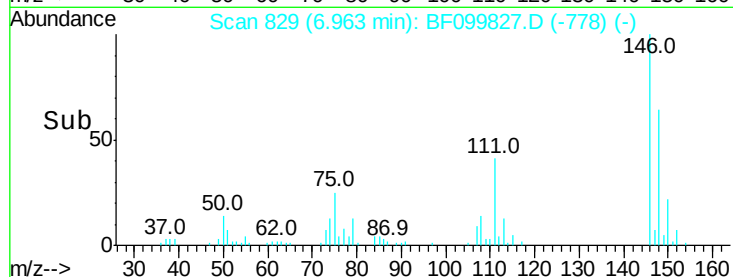
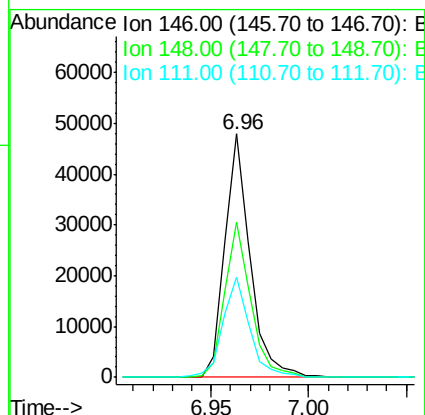
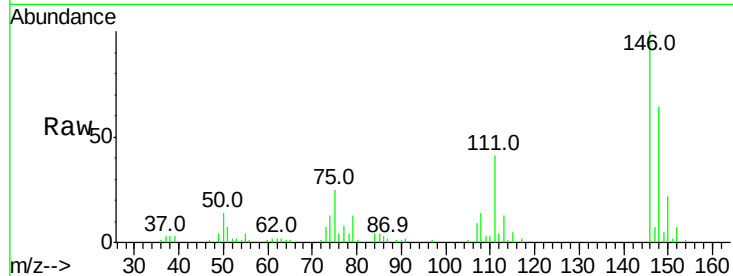




#14
1,2-Dichlorobenzene
Concen: 8.044 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

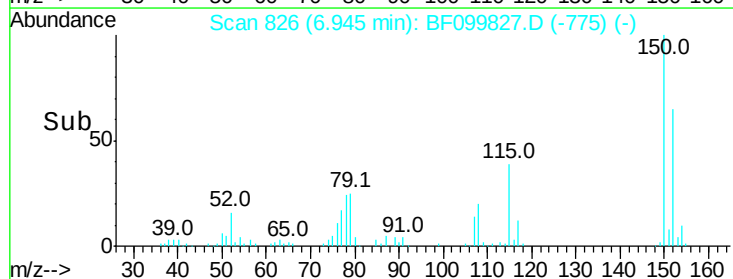
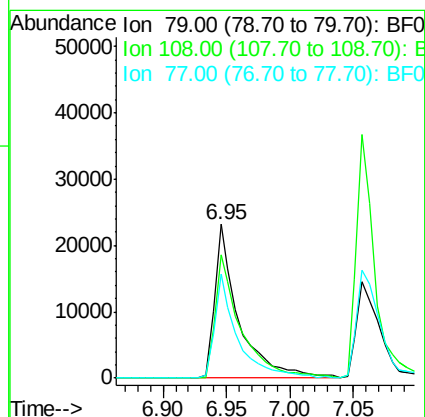
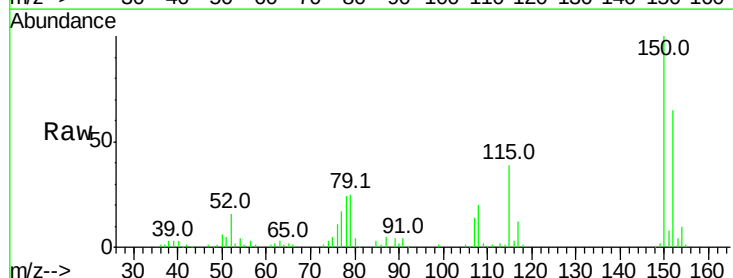
Instrument :
BNA_F
ClientSampled :

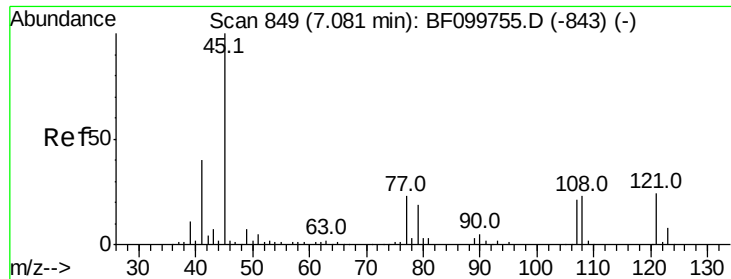
Tot Ion:146 Resp: 42955
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
111 40.9 36.0 54.0



#15
Benzyl Alcohol
Concen: 8.393 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Tgt Ion: 79 Resp: 30529
Ion Ratio Lower Upper
79 100
108 80.5 65.1 97.7
77 67.4 50.6 75.8

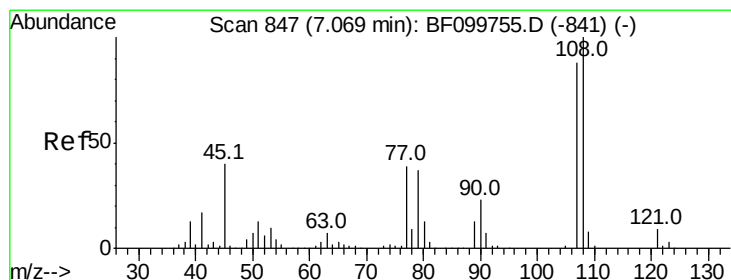
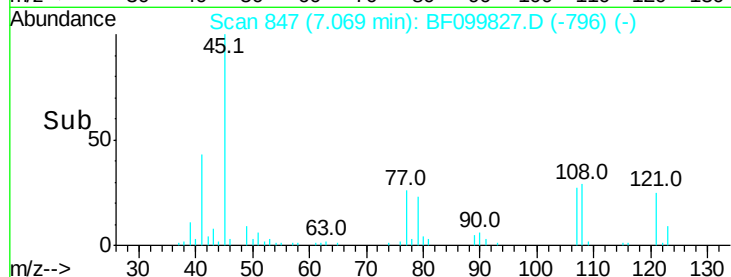
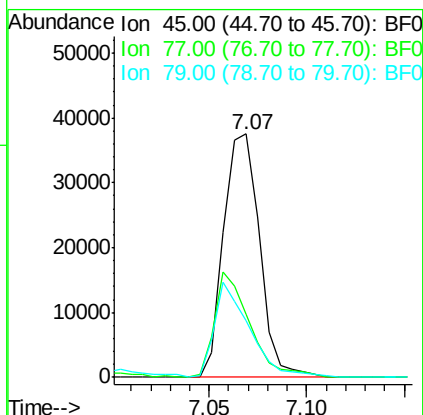
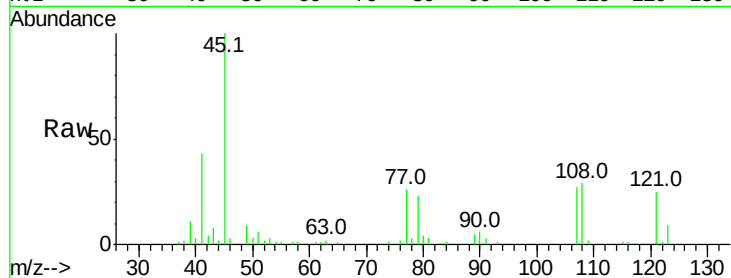




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 8.944 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

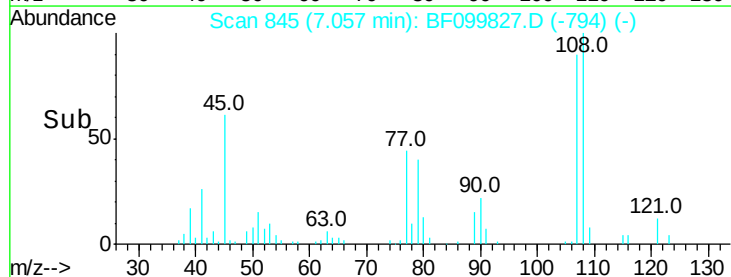
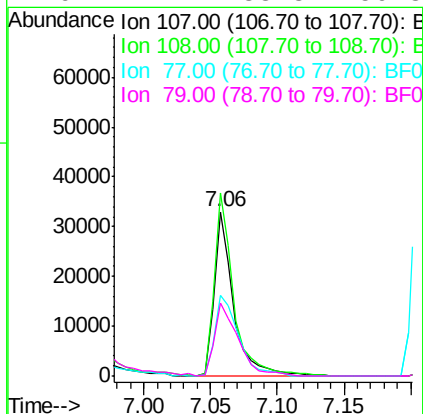
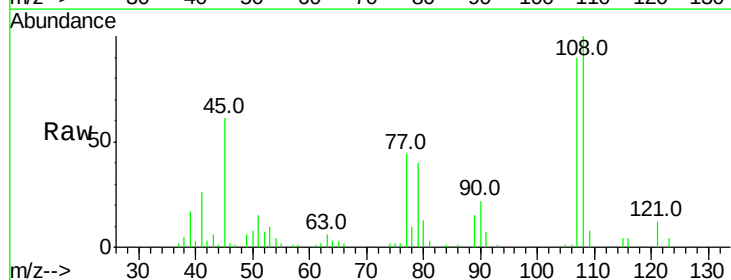
Instrument :
BNA_F
ClientSampled :

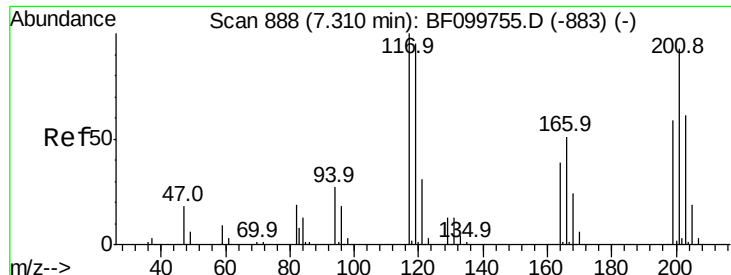
Tot Ion: 45 Resp: 48182
Ion Ratio Lower Upper
45 100
77 26.1 0.0 32.9
79 23.1 0.0 29.6



#17
2-Methylphenol
Concen: 7.820 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Tgt Ion: 107 Resp: 33631
Ion Ratio Lower Upper
107 100
108 111.5 91.7 137.5
77 49.3 33.8 50.8
79 44.4 33.8 50.8

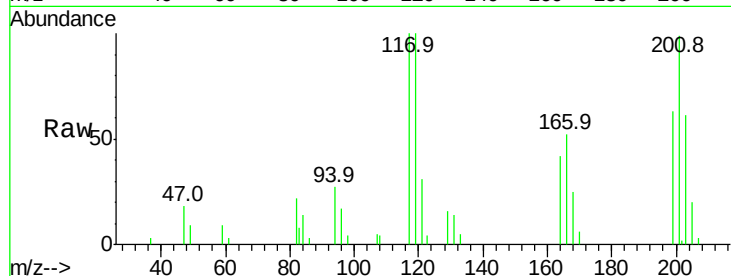




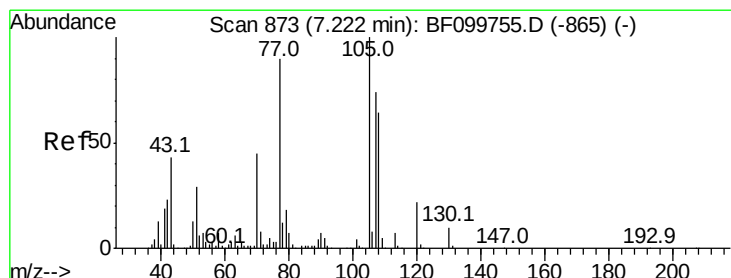
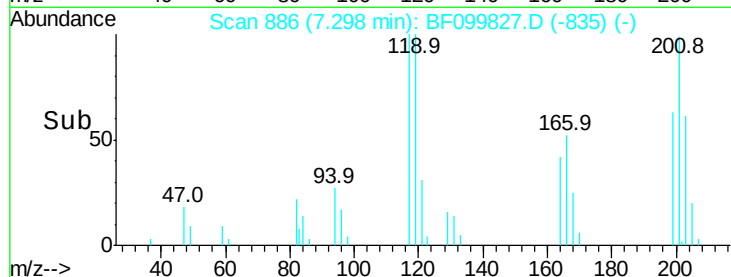
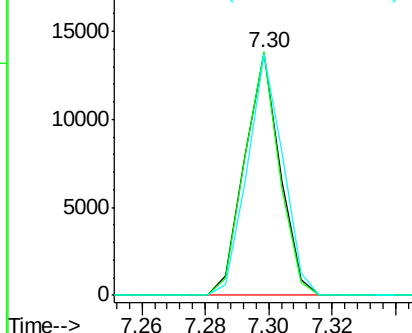
#18
Hexachloroethane
Concen: 5.450 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:117 Resp: 10653
Ion Ratio Lower Upper
117 100
119 100.3 75.8 113.8
201 99.1 75.7 113.5

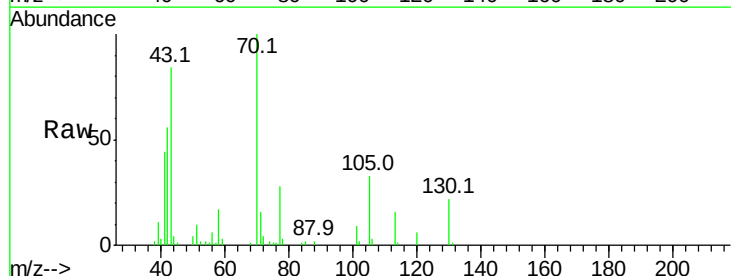


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

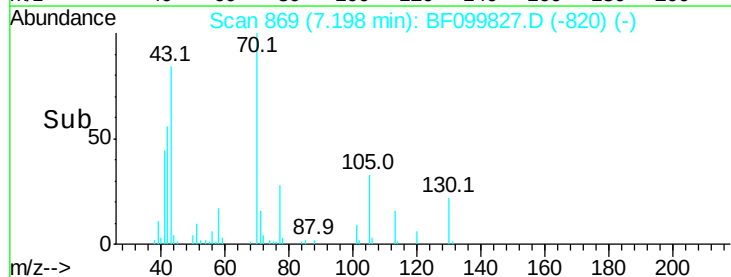
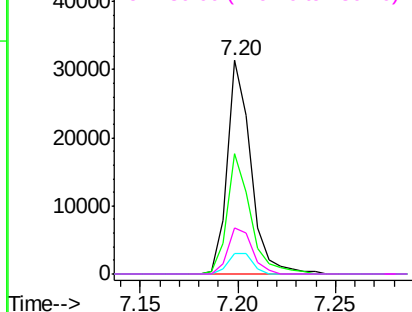


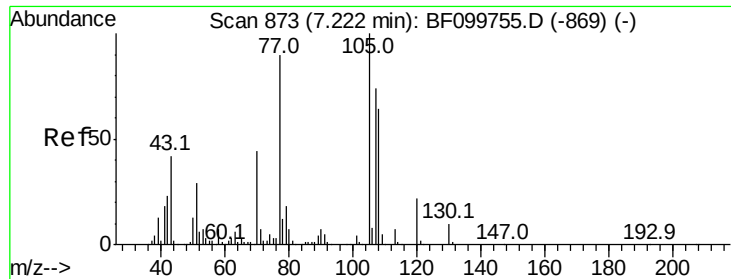
#19
n-Nitroso-di-n-propylamine
Concen: 7.806 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Tgt Ion: 70 Resp: 26165
Ion Ratio Lower Upper
70 100
42 56.1 47.5 71.3
101 9.4 7.4 11.2
130 21.5 16.6 25.0



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 9.262 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 46378

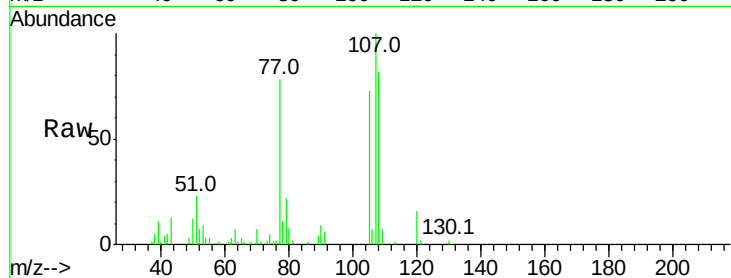
Ion Ratio Lower Upper

107 100

108 82.0 68.2 108.2

77 78.0 26.7 66.7#

79 22.1 6.3 46.3

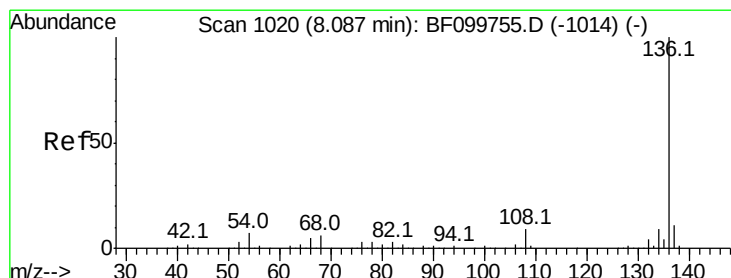
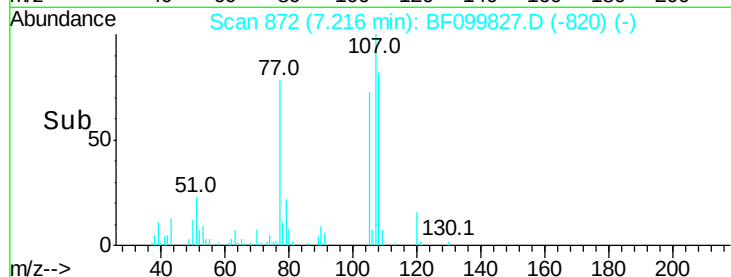
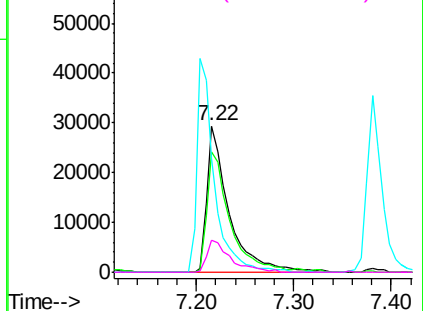


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

Tgt Ion:136 Resp: 313699

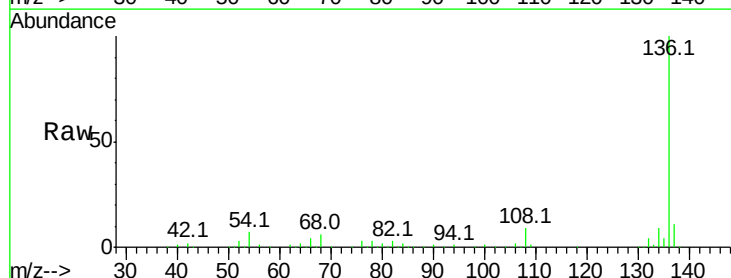
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.8 6.6 9.8

68 6.0 5.0 7.4

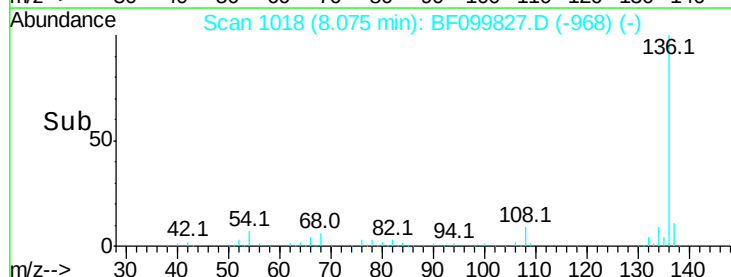
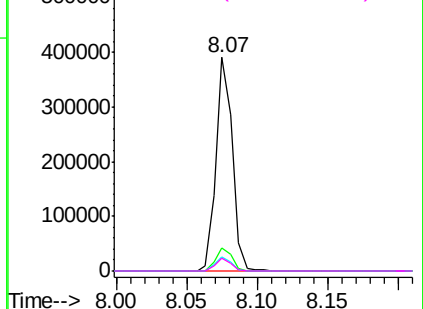


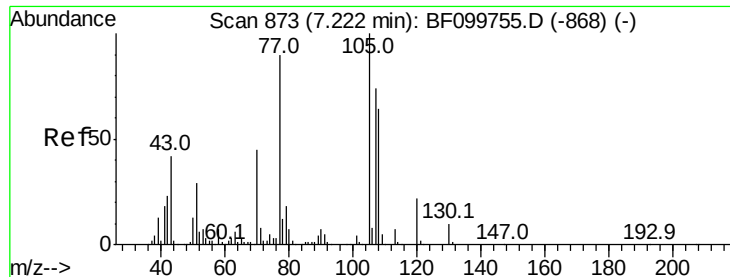
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 8.024 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 57310

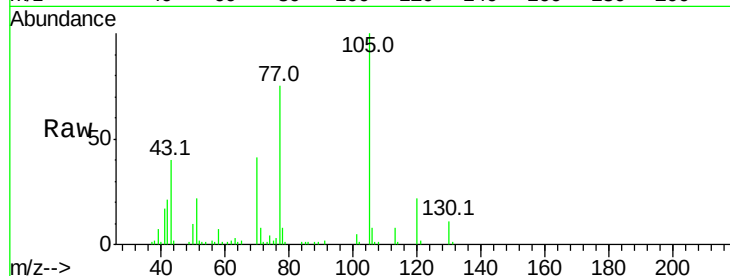
Ion Ratio Lower Upper

105 100

71 8.0 4.4 6.6#

51 22.1 22.3 33.5#

120 21.5 16.9 25.3

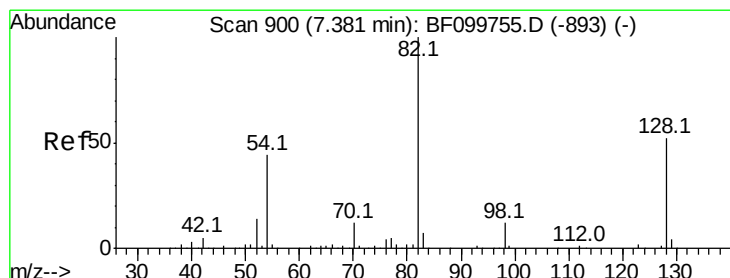
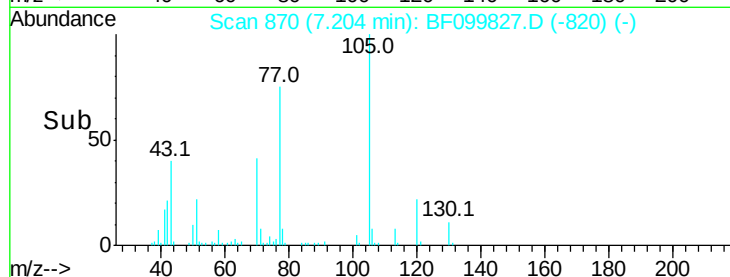
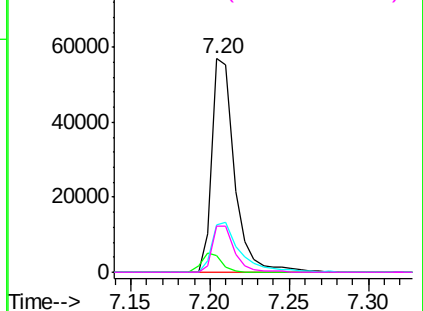


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 15.361 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

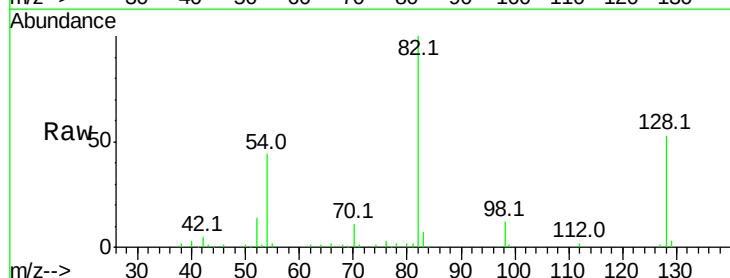
Tgt Ion: 82 Resp: 74849

Ion Ratio Lower Upper

82 100

128 52.6 36.1 54.1

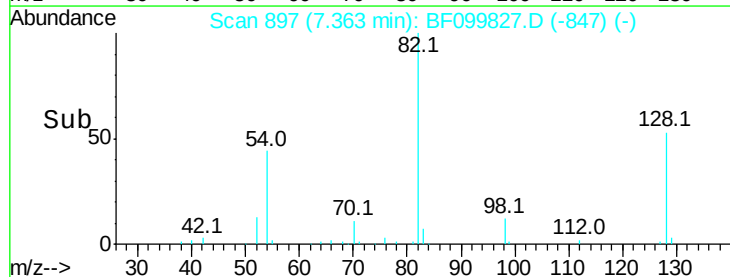
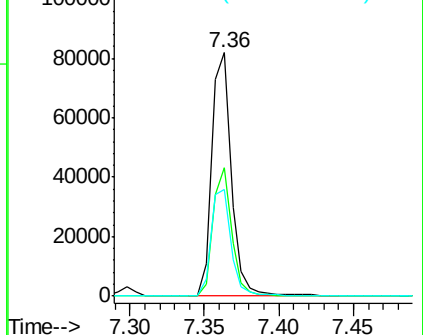
54 44.1 41.4 62.2

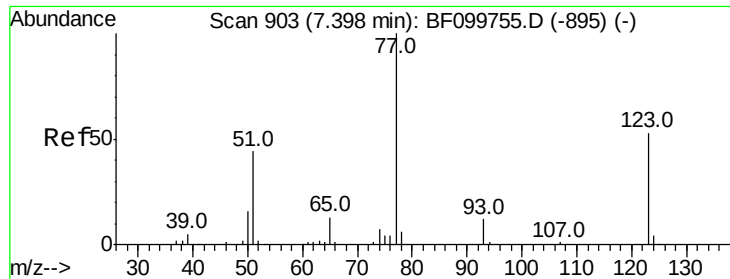


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

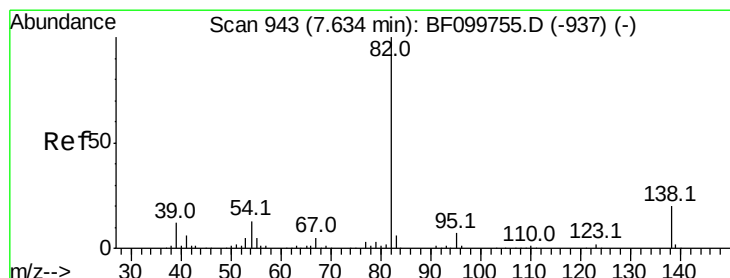
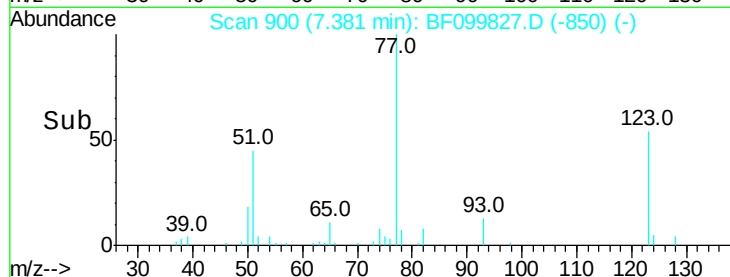
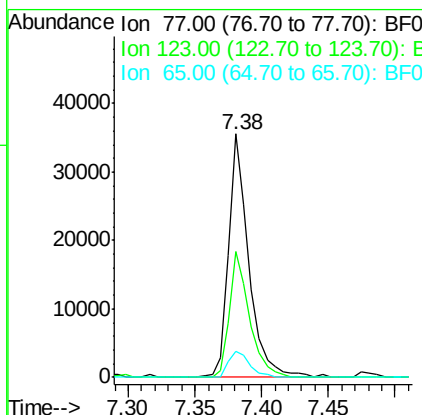
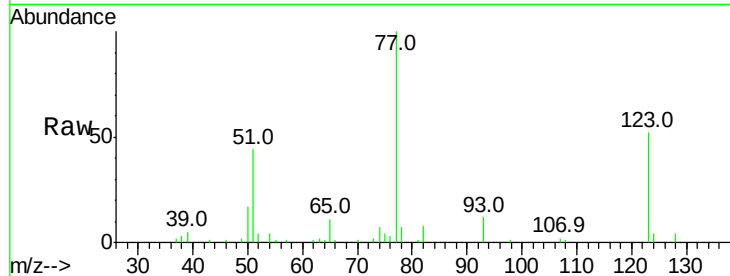




#24
Nitrobenzene
Concen: 7.725 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

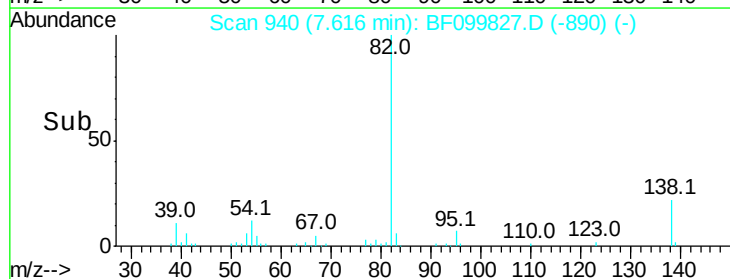
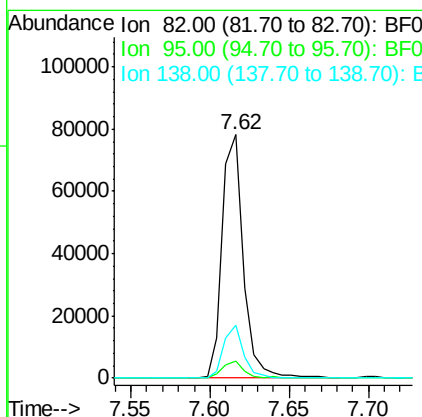
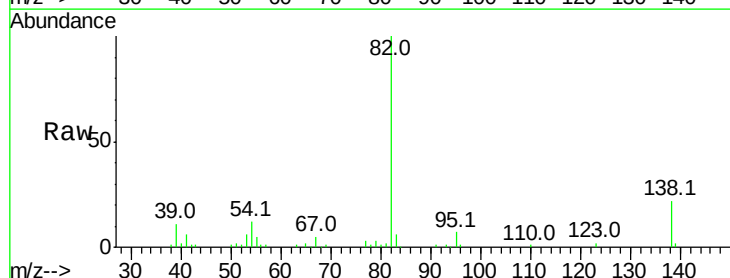
Instrument :
BNA_F
ClientSampled :

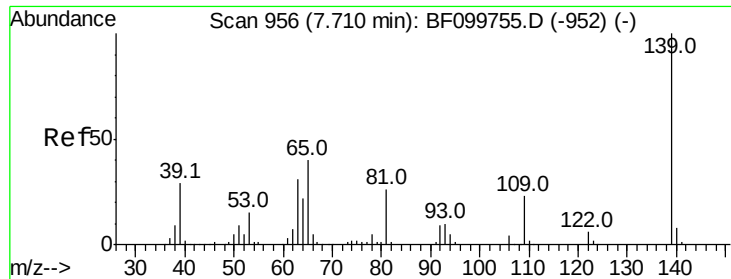
Tot Ion: 77 Resp: 37928
Ion Ratio Lower Upper
77 100
123 51.8 37.9 56.9
65 10.6 11.0 16.4#



#25
Isophorone
Concen: 8.203 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Tgt Ion: 82 Resp: 72526
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 21.5 14.9 22.3

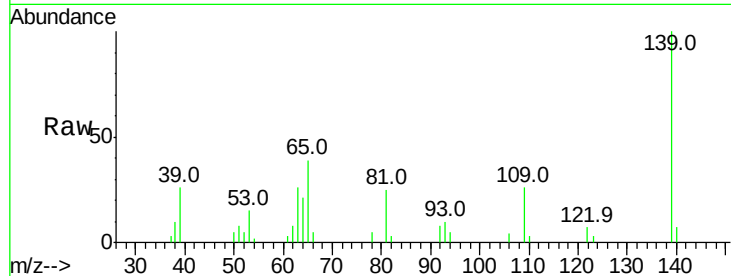




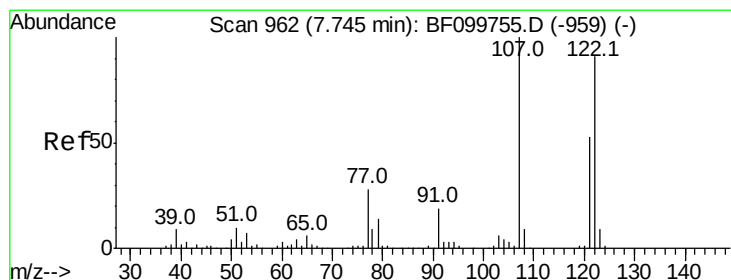
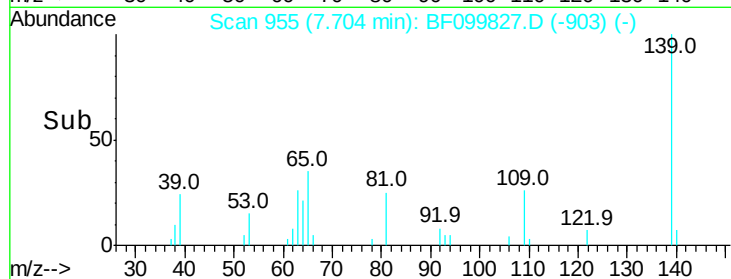
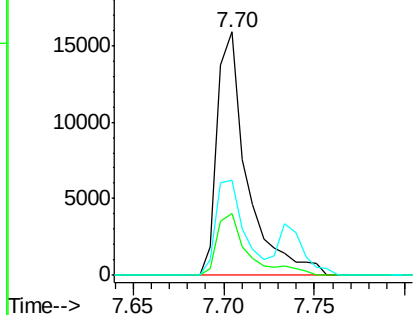
#26
2-Nitrophenol
Concen: 6.492 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	25.5	22.7	34.1
65	39.1	40.5	60.7#

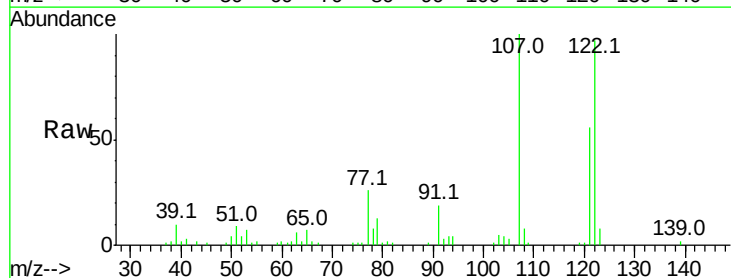


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

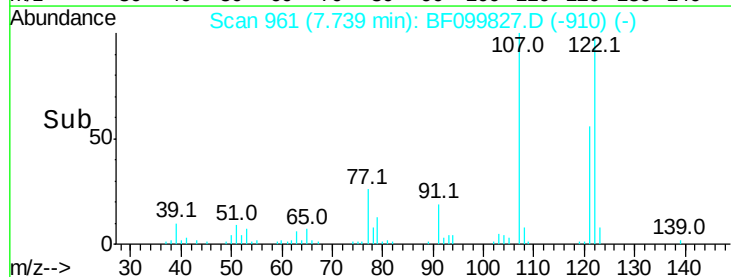
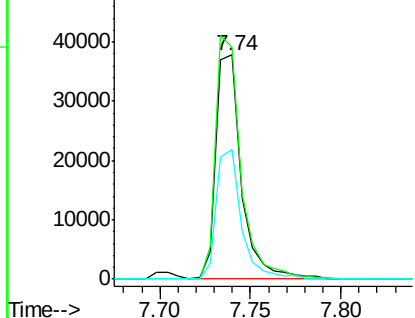


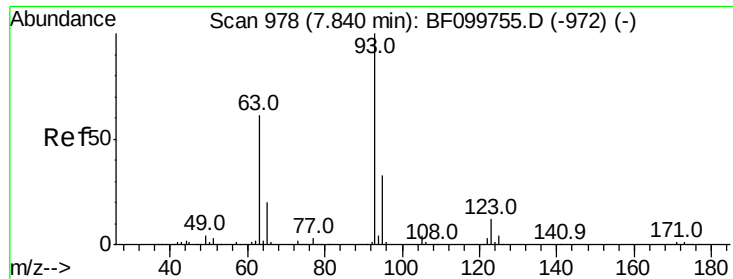
#27
2,4-Dimethylphenol
Concen: 8.958 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Tgt Ion	Ratio	Lower	Upper
122	100		
107	103.6	91.2	136.8
121	57.7	47.2	70.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 7.702 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

Instrument :

BNA_F

ClientSampleId :

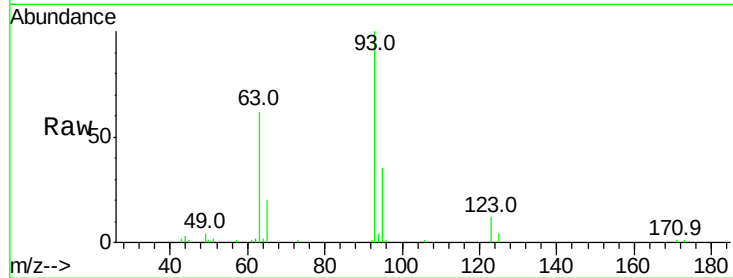
Tot Ion: 93 Resp: 47694

Ion Ratio Lower Upper

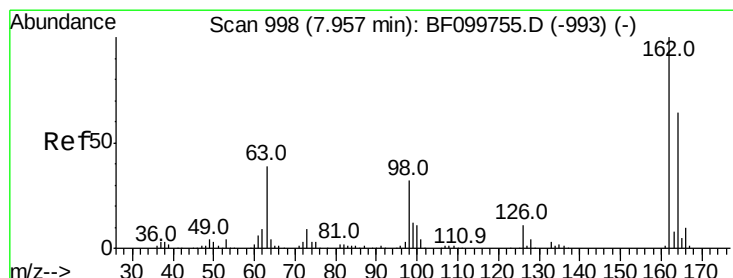
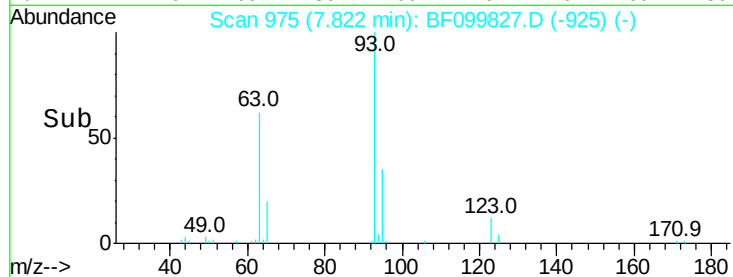
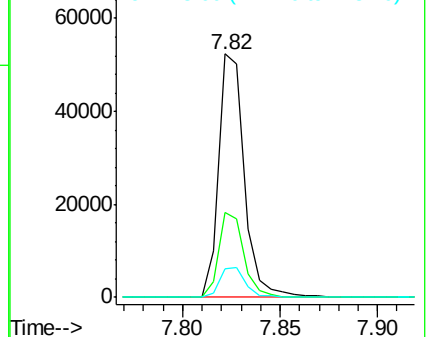
93 100

95 34.8 26.3 39.5

123 11.6 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): BF0



#29

2,4-Dichlorophenol

Concen: 8.033 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

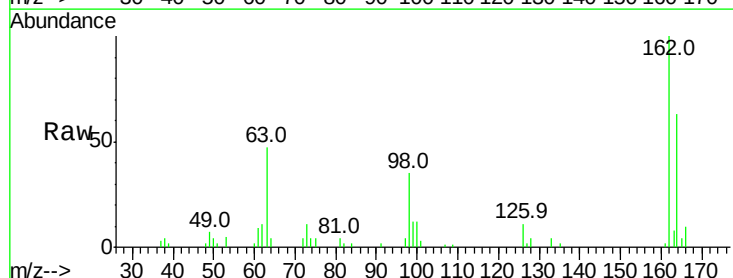
Tgt Ion:162 Resp: 34575

Ion Ratio Lower Upper

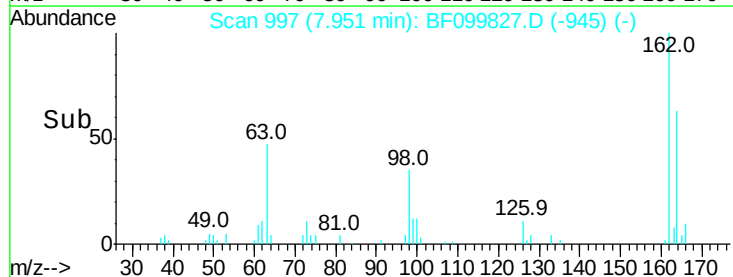
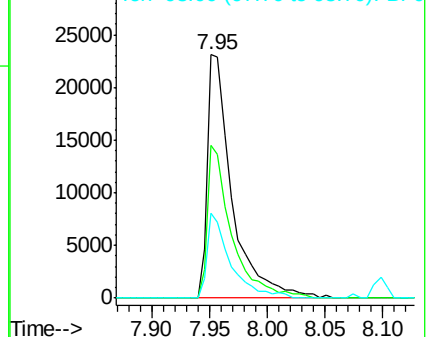
162 100

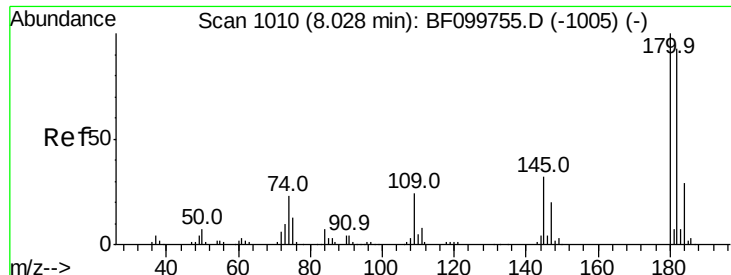
164 62.7 42.7 82.7

98 34.9 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

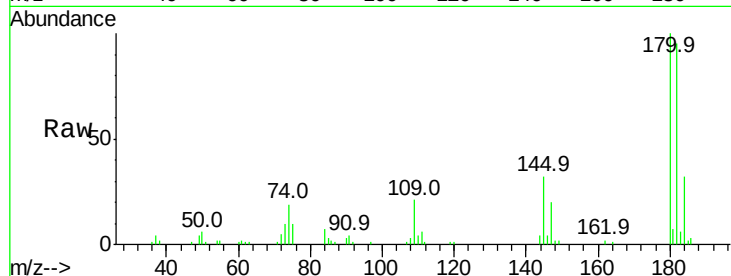




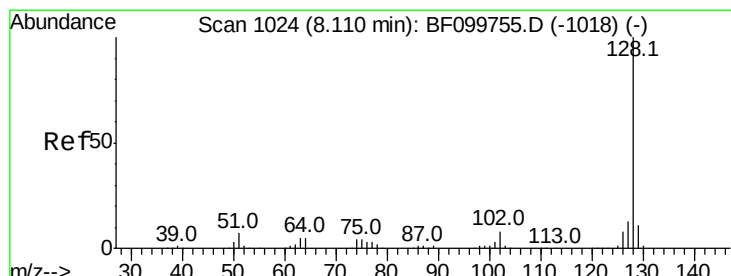
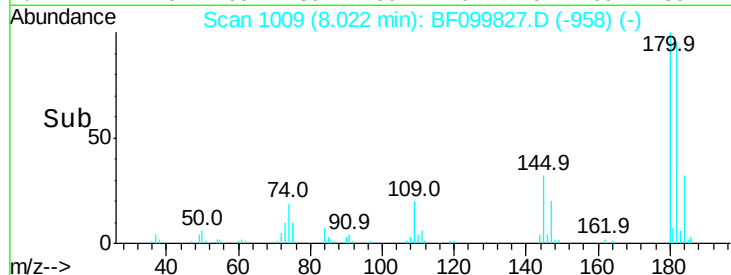
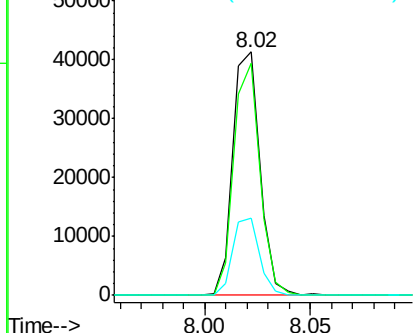
#30
 1,2,4-Trichlorobenzene
 Concen: 7.953 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 36575
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.8 115.2
 145 31.8 26.5 39.7

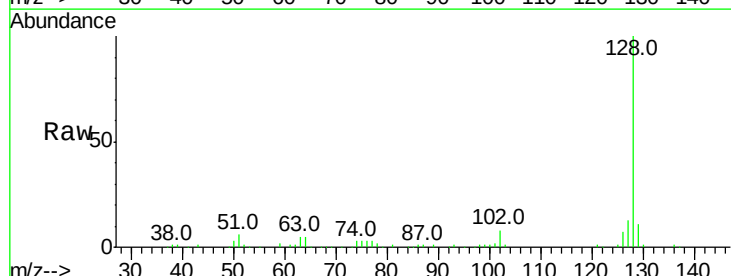


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

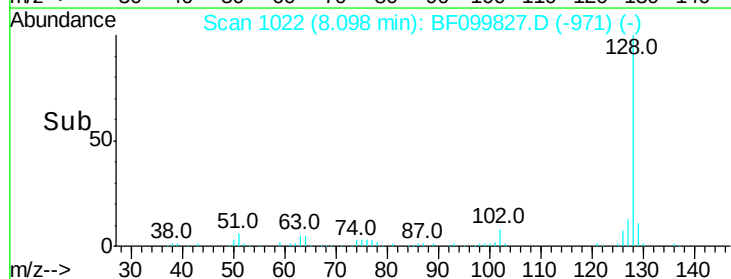
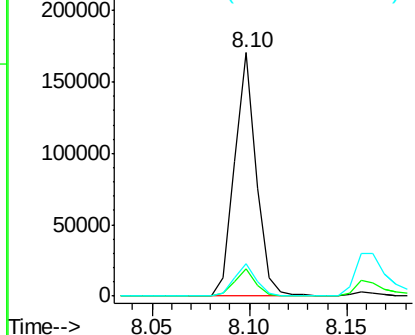


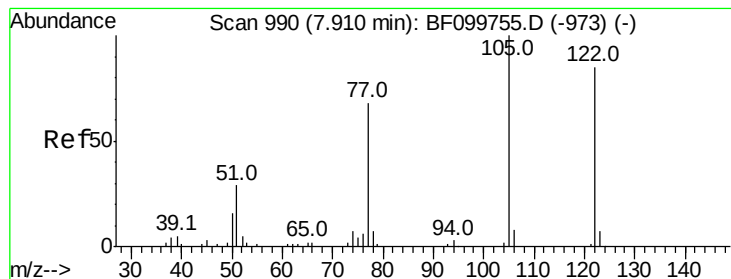
#31
 Naphthalene
 Concen: 8.688 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

Tgt Ion:128 Resp: 131560
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.8 13.2
 127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 10.177 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.15 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

Instrument :

BNA_F

ClientSampleId :

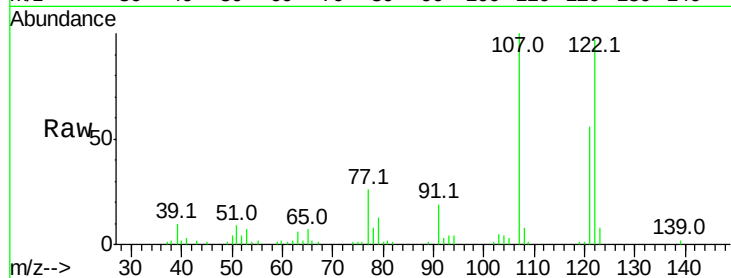
Tot Ion:122 Resp: 37116

Ion Ratio Lower Upper

122 100

105 3.6 101.1 141.1#

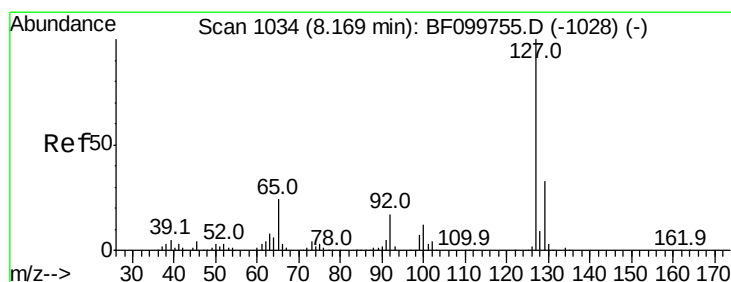
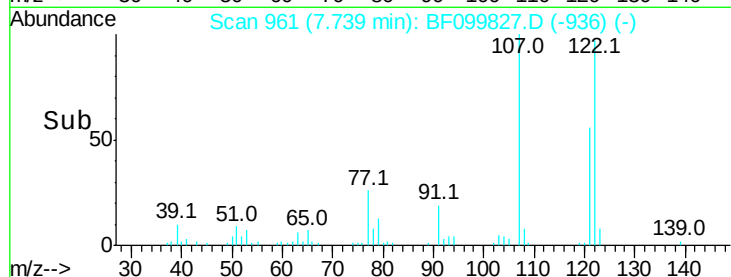
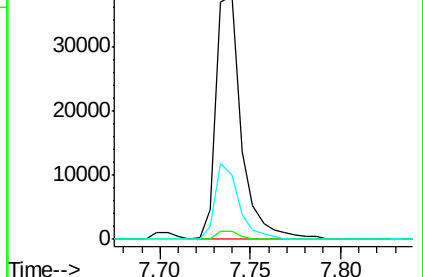
77 26.6 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 6.251 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

Tgt Ion:127 Resp: 39085

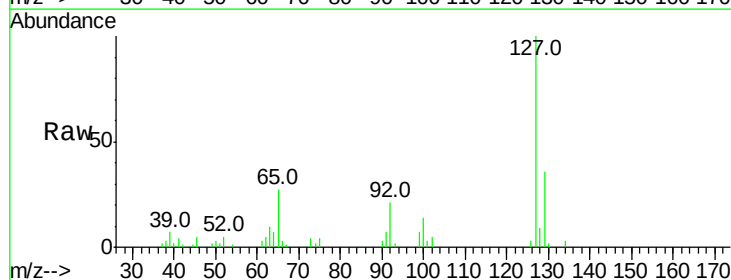
Ion Ratio Lower Upper

127 100

129 35.6 25.9 38.9

65 27.5 25.0 37.4

92 20.6 15.2 22.8

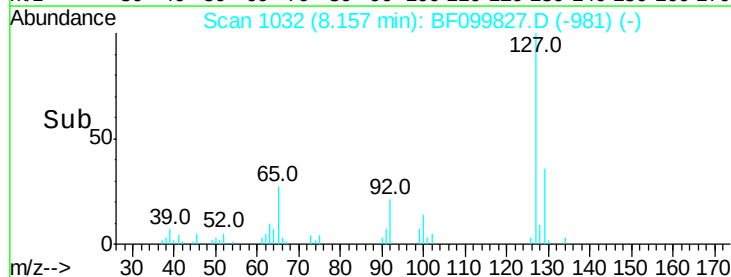
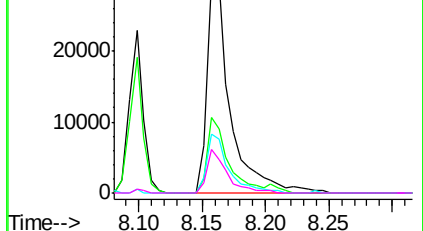


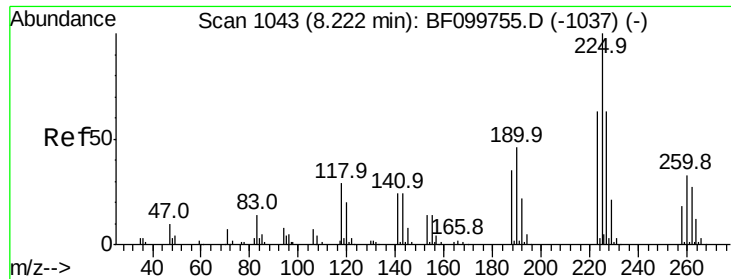
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

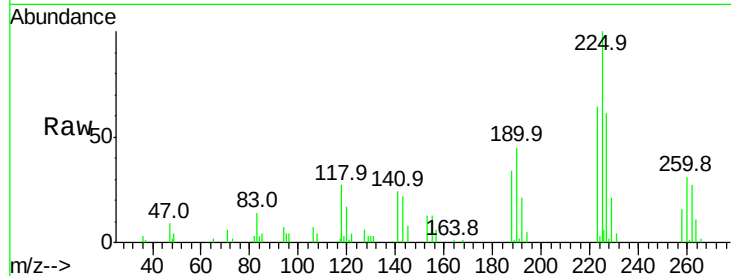




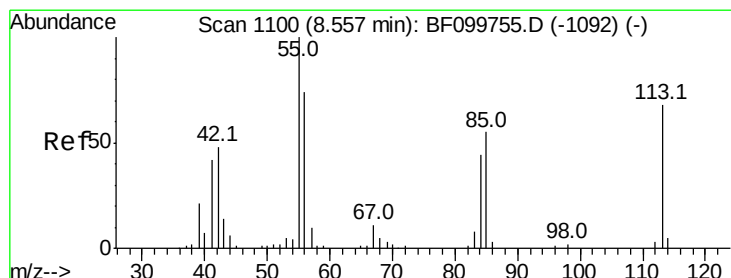
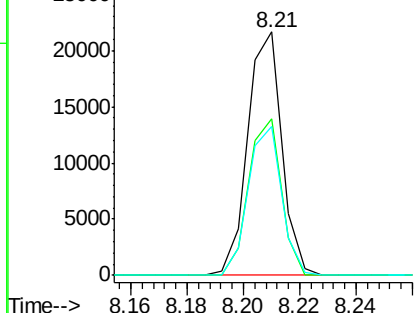
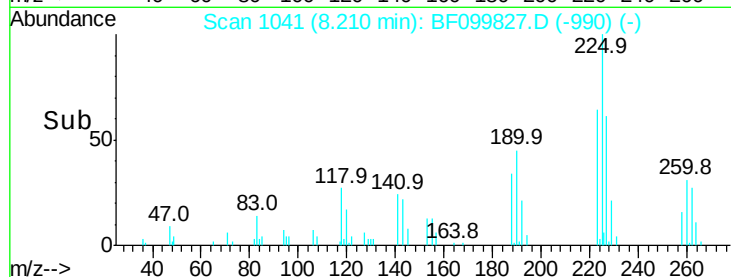
#34
Hexachlorobutadiene
Concen: 7.687 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:225 Resp: 18182
Ion Ratio Lower Upper
225 100
223 64.5 50.6 76.0
227 61.3 51.9 77.9

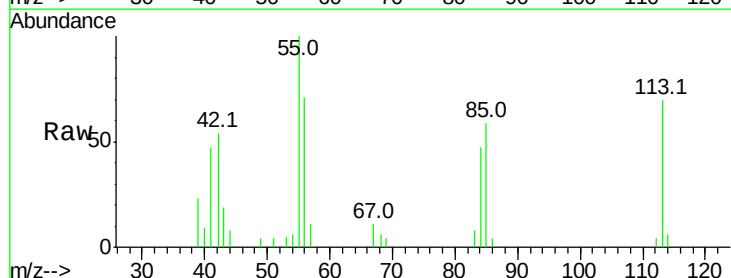


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

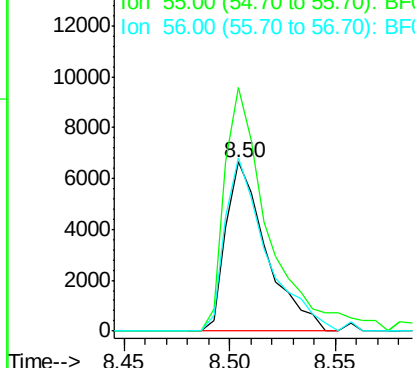
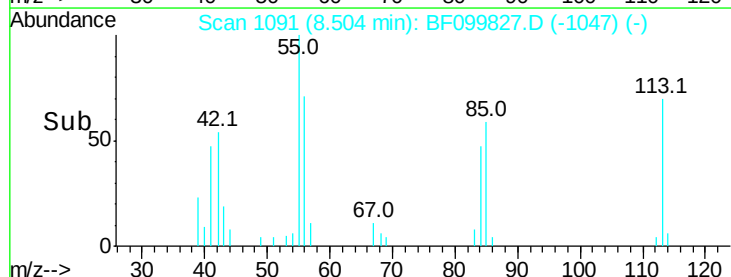


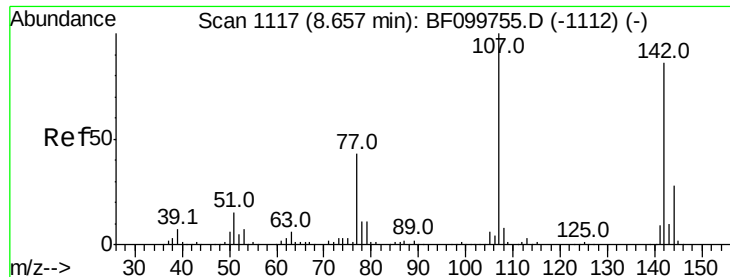
#35
Caprolactam
Concen: 6.508 ng
RT: 8.50 min Scan# 1091
Delta R.T. -0.04 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Tgt Ion:113 Resp: 8809
Ion Ratio Lower Upper
113 100
55 143.8 163.3 203.3#
56 102.4 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

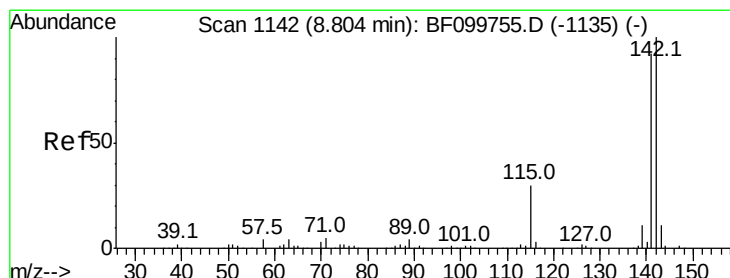
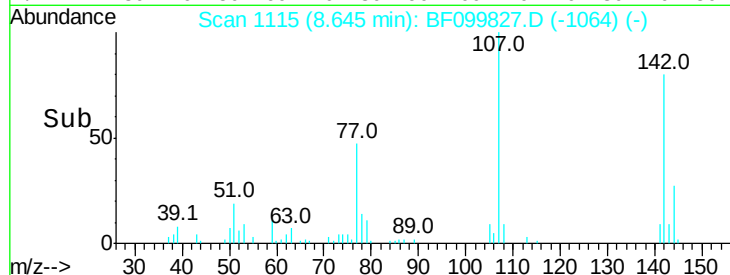
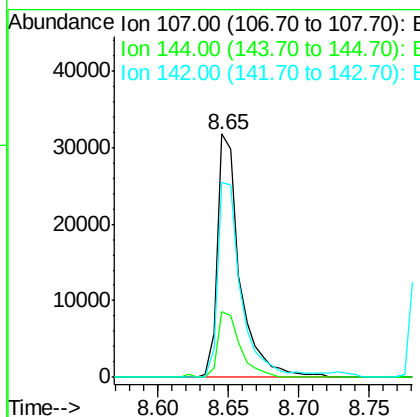
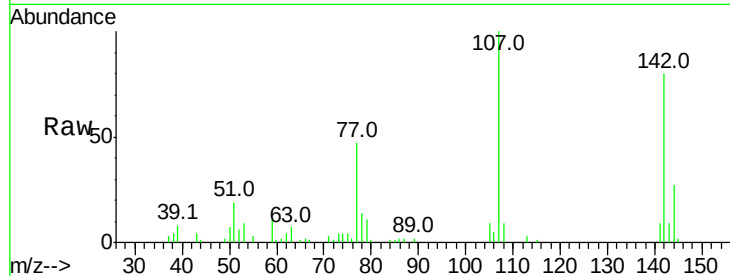




#36
 4-Chloro-3-methylphenol
 Concen: 7.996 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

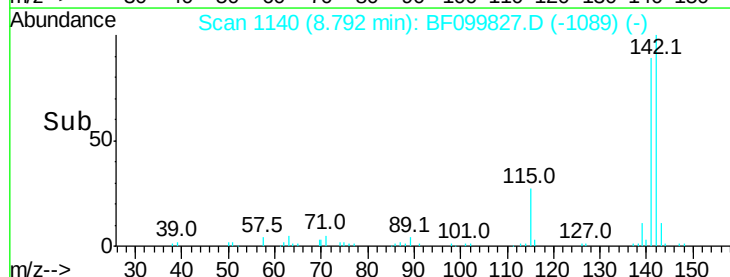
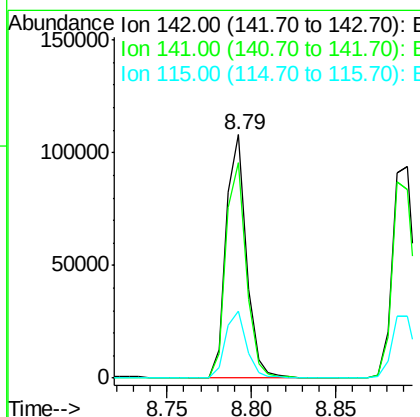
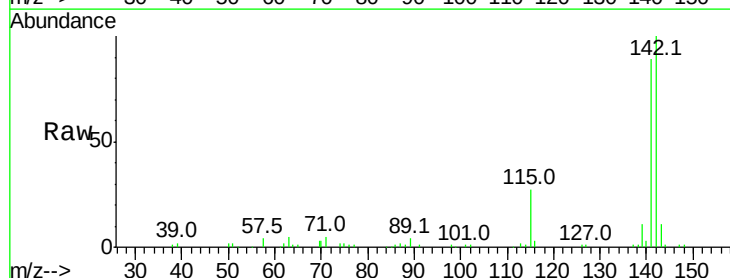
Instrument :
 BNA_F
 ClientSampled :

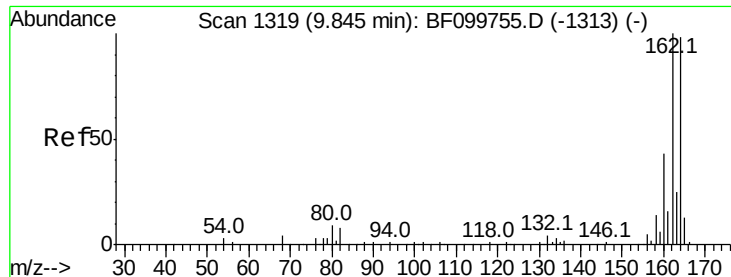
Tot Ion:107 Resp: 35125
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.5 30.7
 142 80.1 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 8.915 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

Tgt Ion:142 Resp: 90463
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.8 106.2
 115 27.4 26.1 39.1

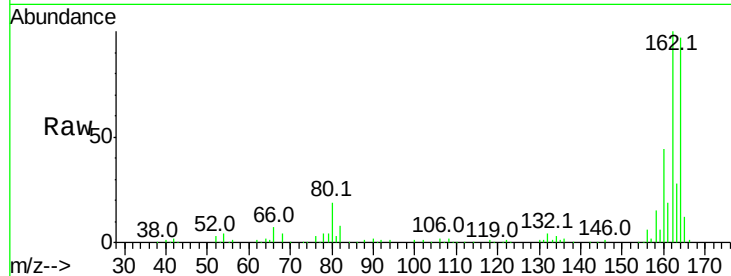




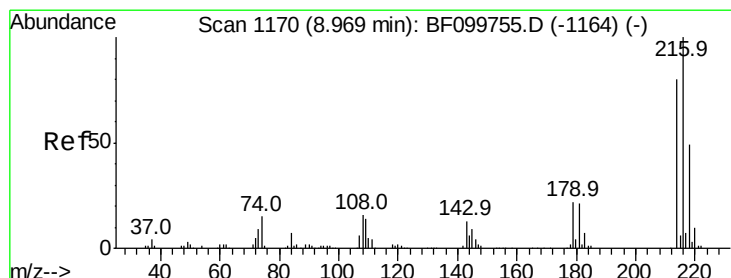
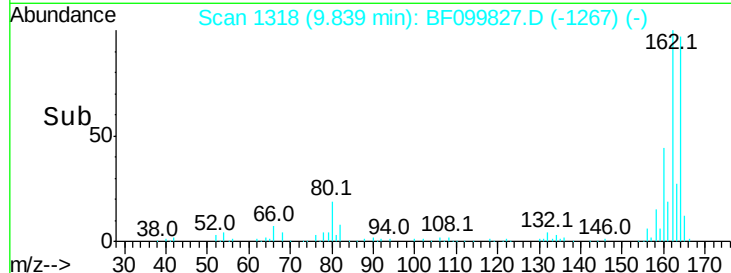
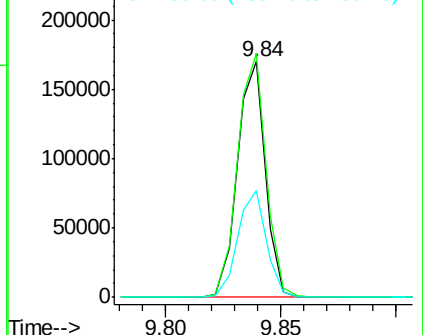
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 143282
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 45.0 38.3 57.5

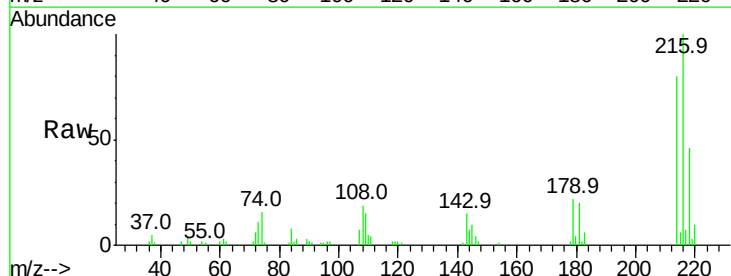


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

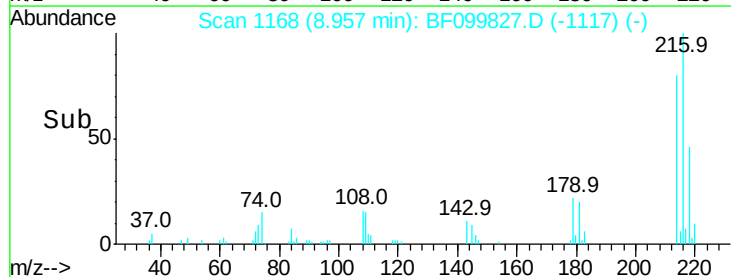
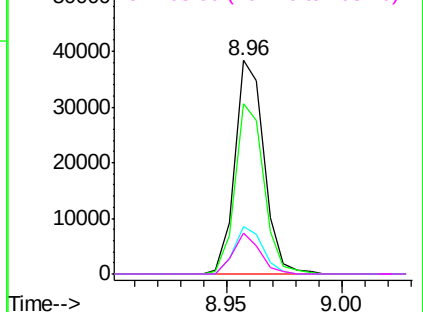


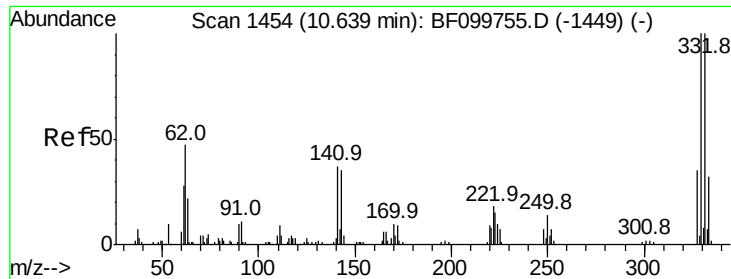
#39
1,2,4,5-Tetrachlorobenzene
Concen: 7.331 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Tgt Ion:216 Resp: 33923
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 21.9 18.1 27.1
108 17.3 17.2 25.8



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

2,4,6-Tribromophenol

Concen: 23.319 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

Instrument :

BNA_F

ClientSampled :

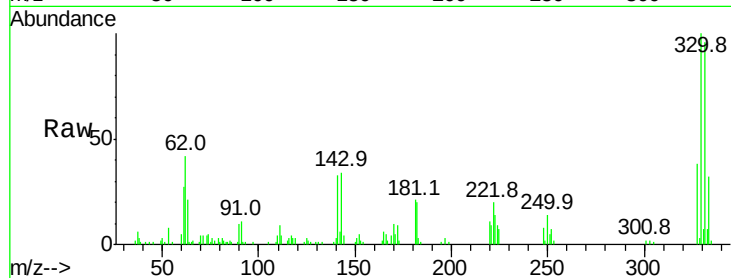
Tot Ion:330 Resp: 30449

Ion Ratio Lower Upper

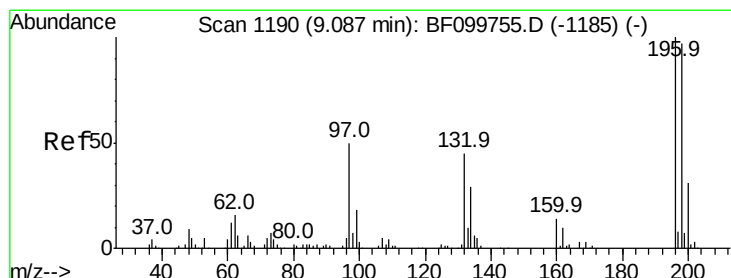
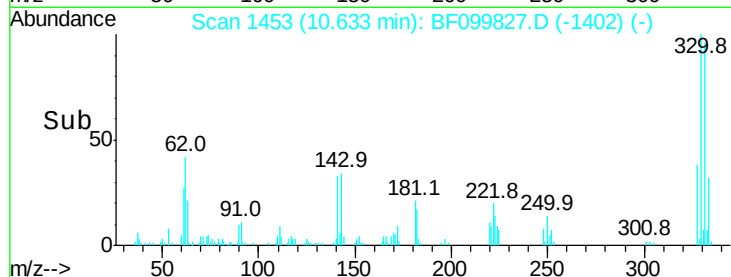
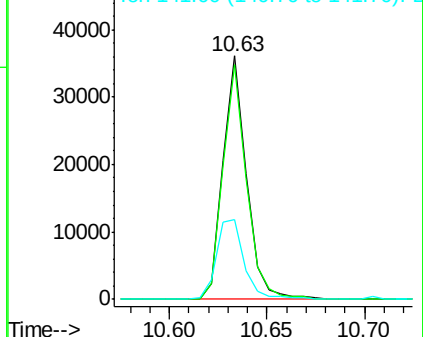
330 100

332 95.5 77.0 115.6

141 38.8 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 8.368 ng

RT: 9.08 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

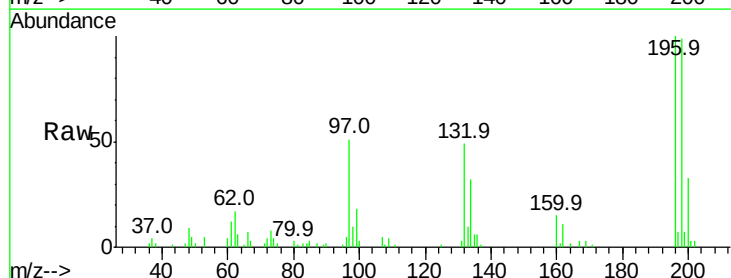
Tgt Ion:196 Resp: 23424

Ion Ratio Lower Upper

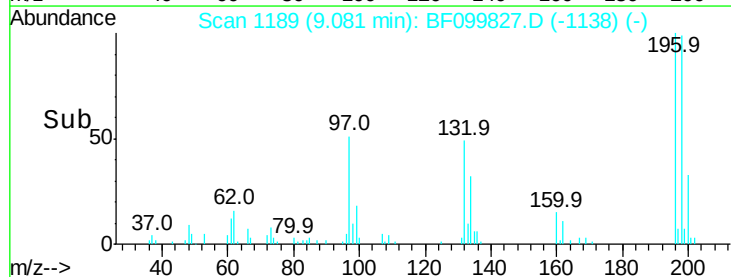
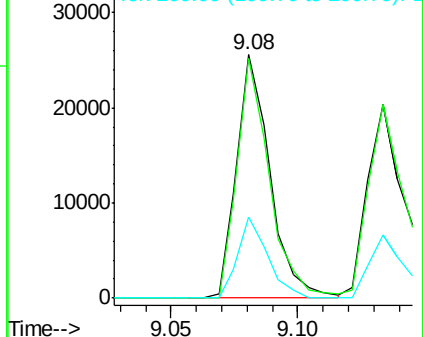
196 100

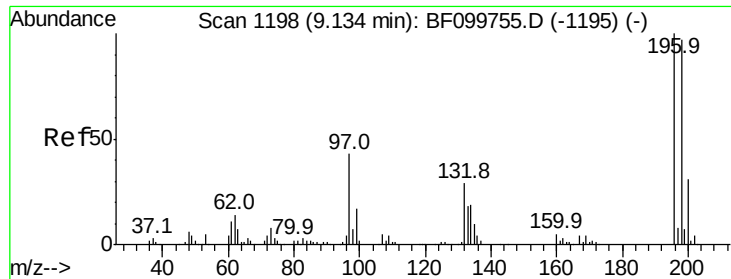
198 98.6 75.7 113.5

200 33.2 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

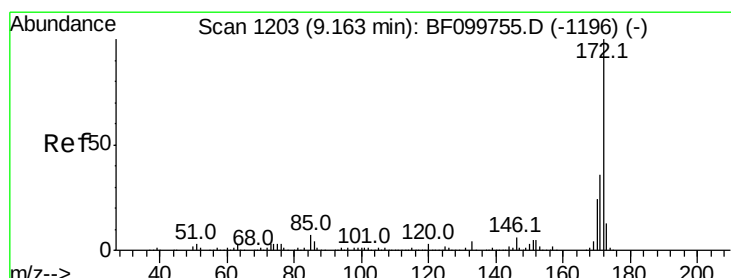
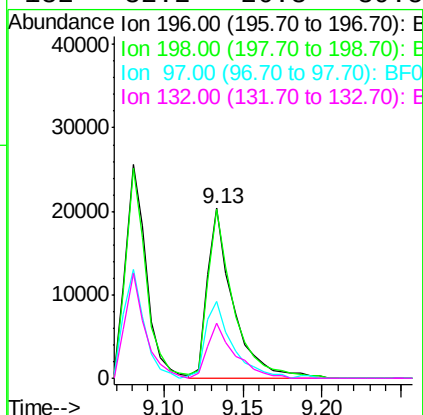
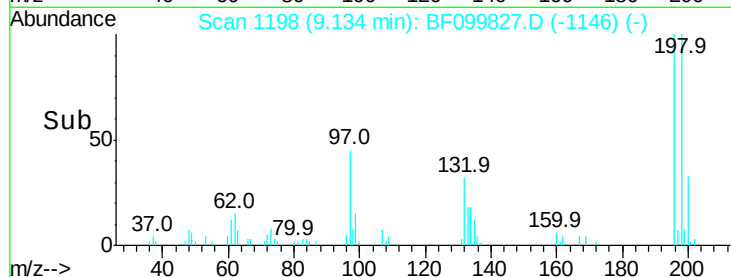
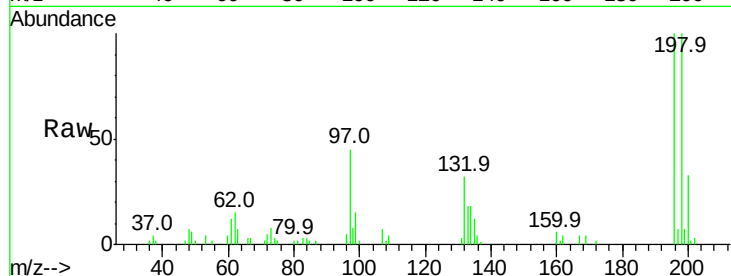




#43
 2,4,5-Trichlorophenol
 Concen: 7.871 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

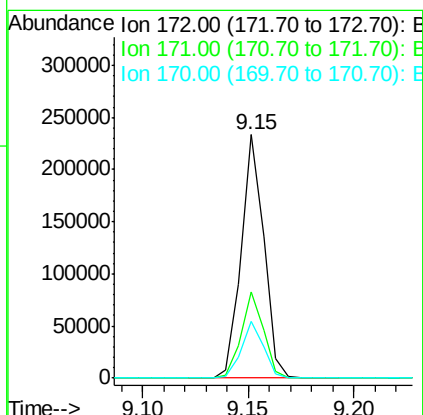
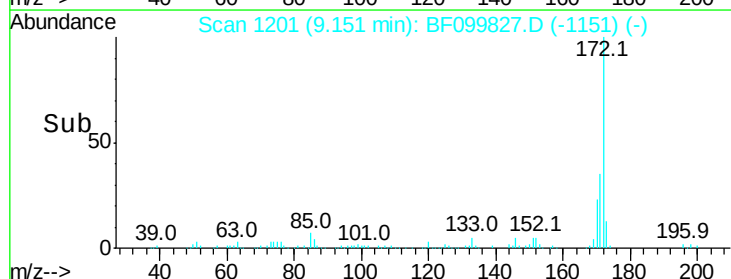
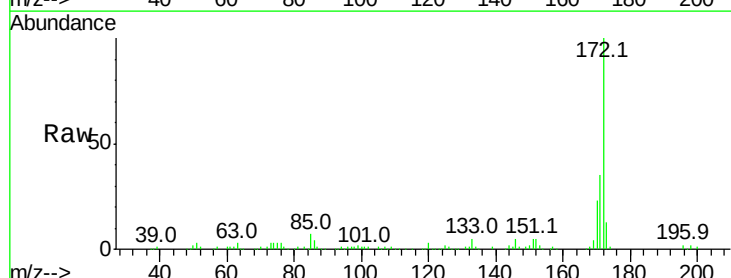
Instrument :
 BNA_F
 ClientSampleId :

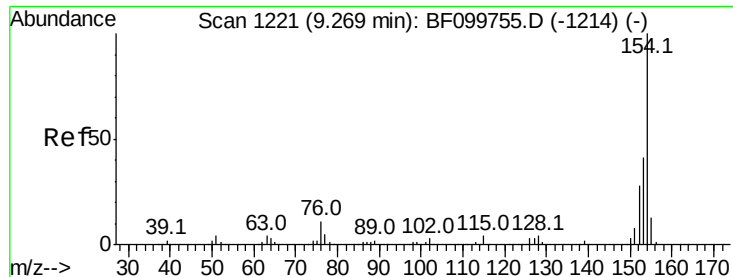
Tot Ion:	196	Resp:	23380
Ion	Ratio	Lower	Upper
196	100		
198	99.6	74.6	112.0
97	45.0	42.9	64.3
132	32.2	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 18.582 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

Tgt Ion:	172	Resp:	172572
Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.4	19.6	29.4

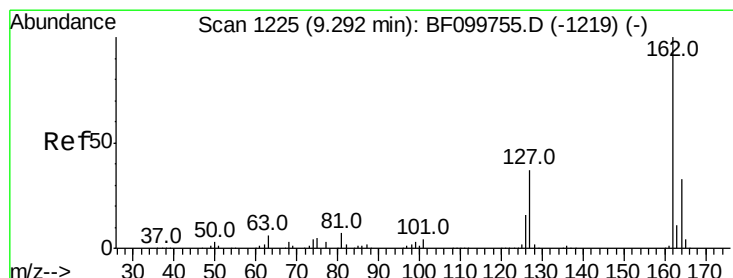
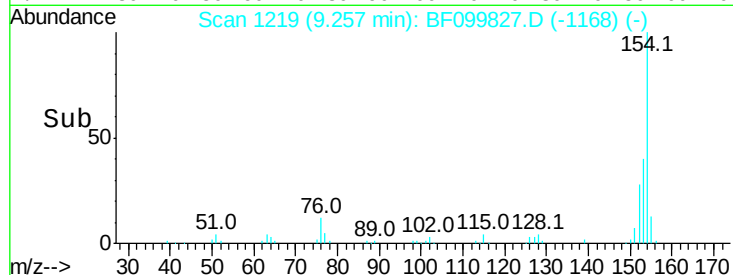
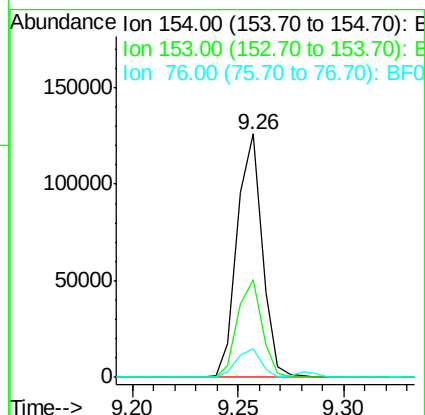
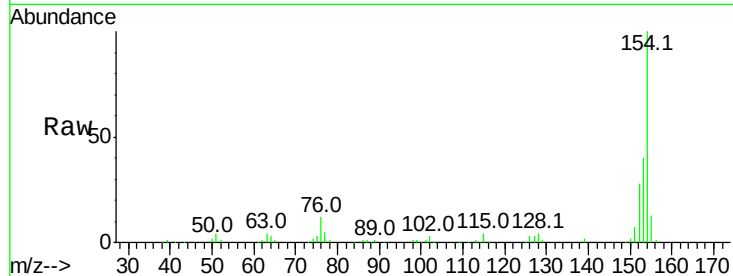




#45
 1,1'-Biphenyl
 Concen: 7.945 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

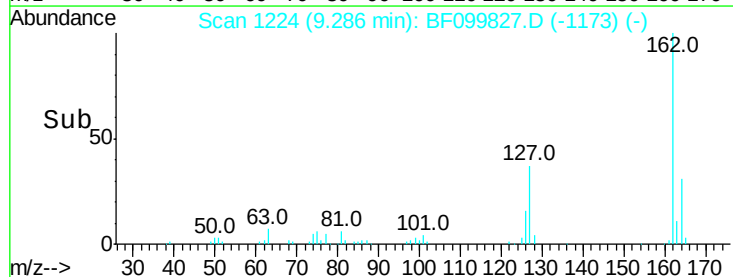
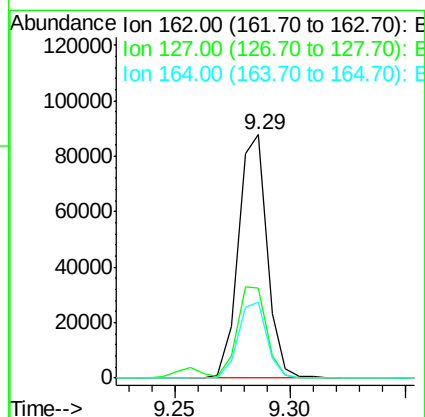
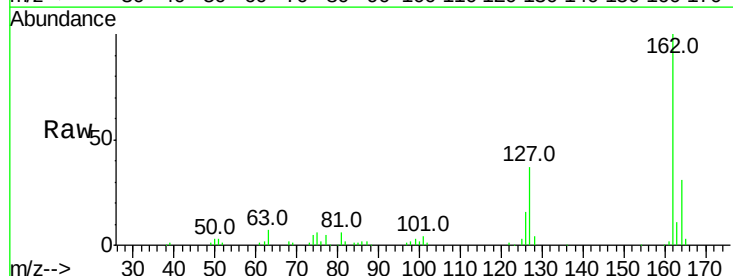
Instrument :
 BNA_F
 ClientSampleId :

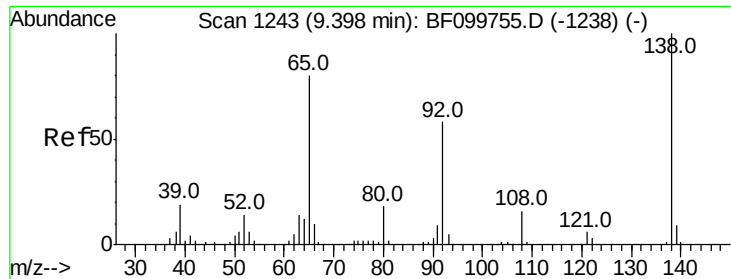
Tot Ion:	154	Resp:	102986
Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.3	61.3
76	11.6	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 8.118 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

Tgt Ion:	162	Resp:	76420
Ion	Ratio	Lower	Upper
162	100		
127	37.1	33.9	50.9
164	31.2	26.5	39.7

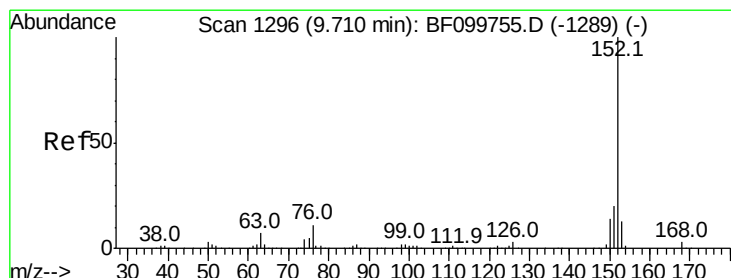
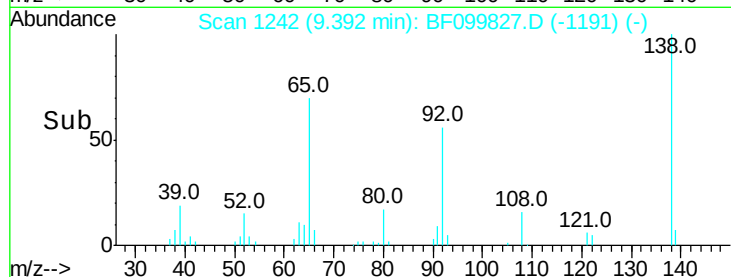
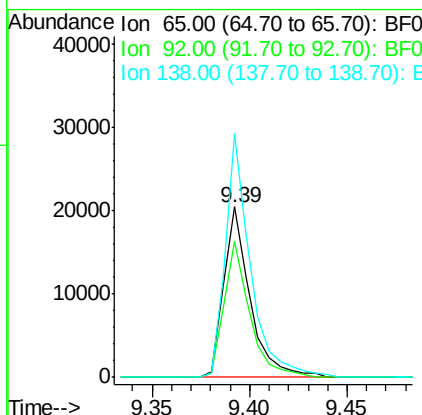
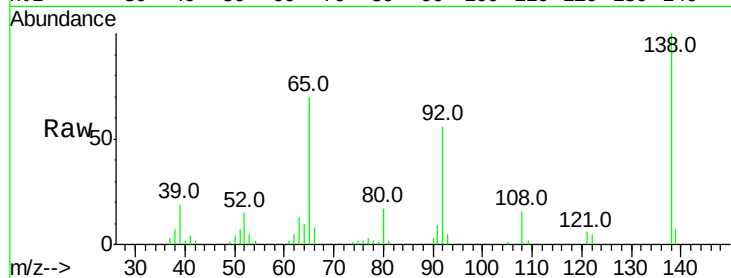




#47
 2-Nitroaniline
 Concen: 7.724 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

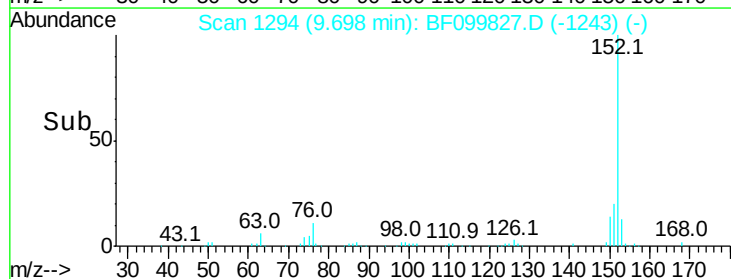
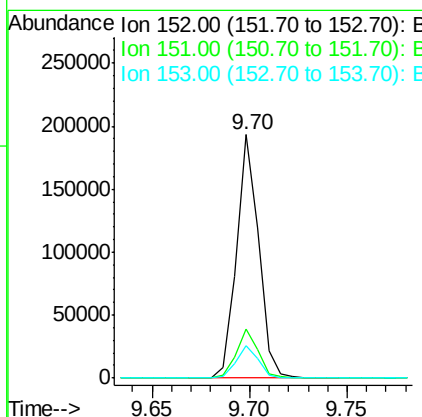
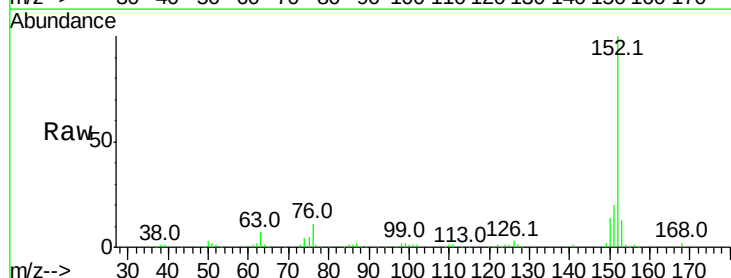
Instrument :
 BNA_F
 ClientSampleId :

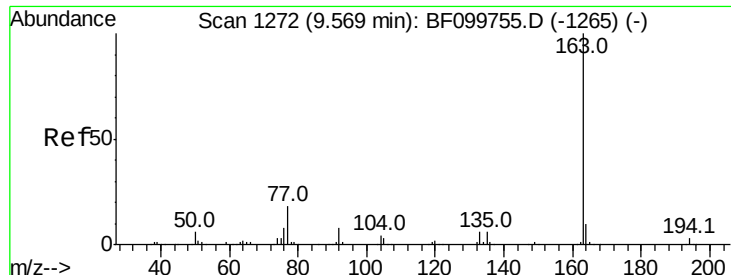
Tot Ion	Ratio	Lower	Upper
65	100		
92	80.3	55.8	83.6
138	143.2	91.2	136.8#



#48
 Acenaphthylene
 Concen: 10.439 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.2	10.7	16.1

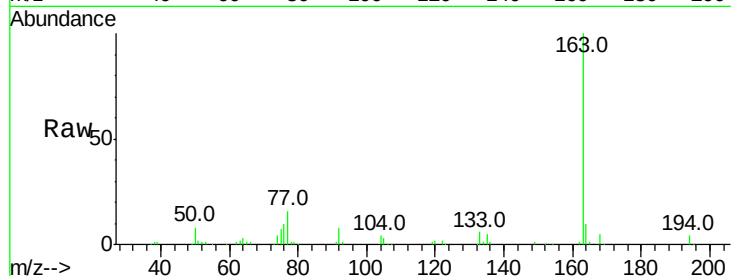




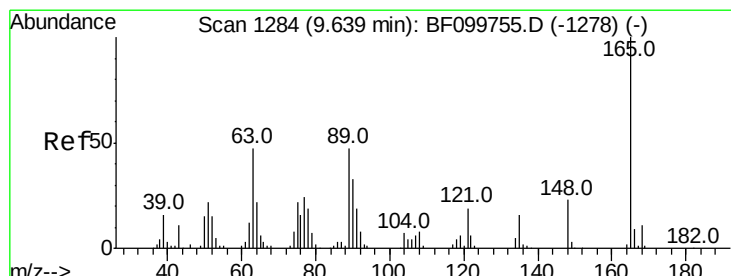
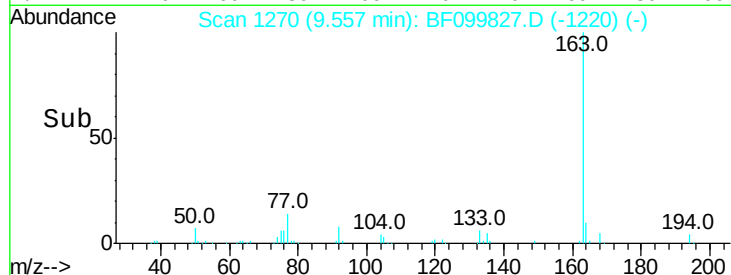
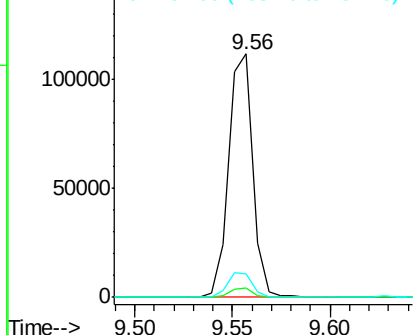
#49
Dimethylphthalate
Concen: 8.424 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 95590
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.6 8.2 12.2

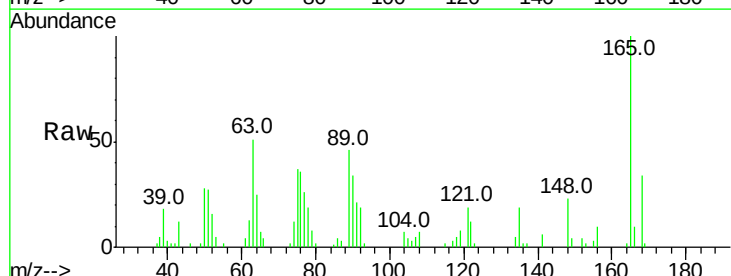


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

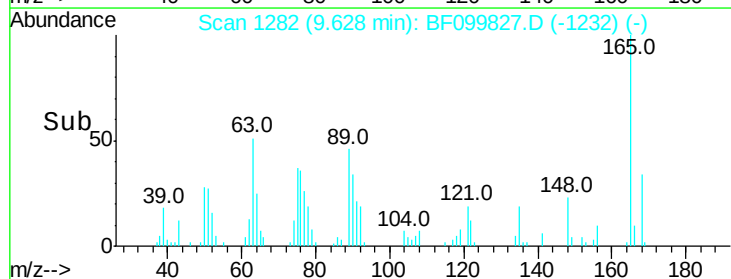
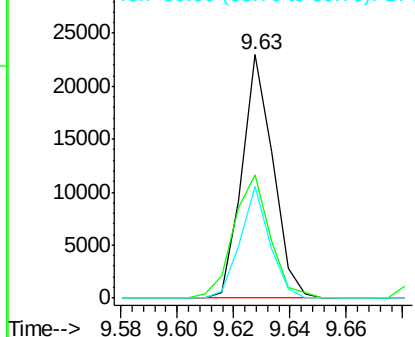


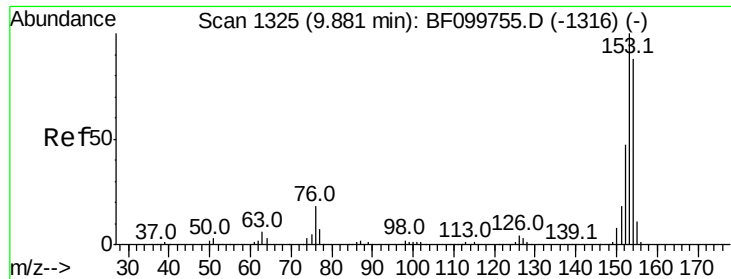
#50
2,6-Dinitrotoluene
Concen: 7.327 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Tgt Ion:165 Resp: 17477
Ion Ratio Lower Upper
165 100
63 50.7 44.7 67.1
89 45.7 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 9.324 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

Instrument :

BNA_F

ClientSampleId :

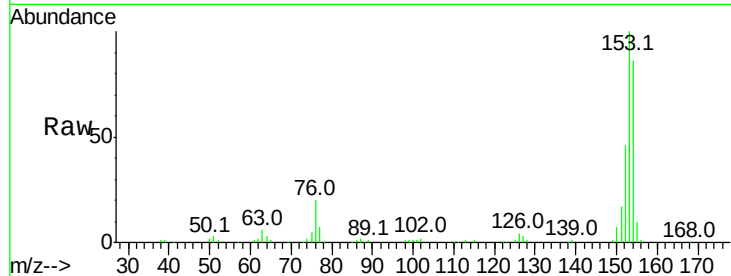
Tot Ion:154 Resp: 82597

Ion Ratio Lower Upper

154 100

153 116.9 91.2 136.8

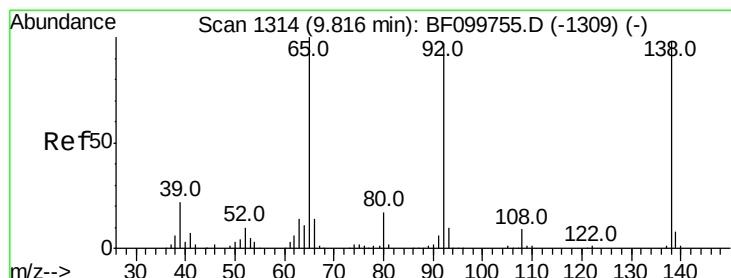
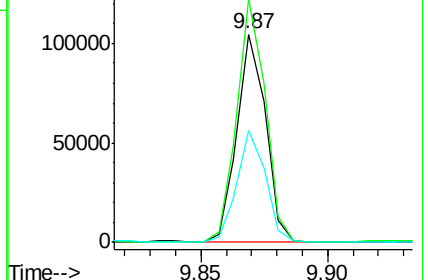
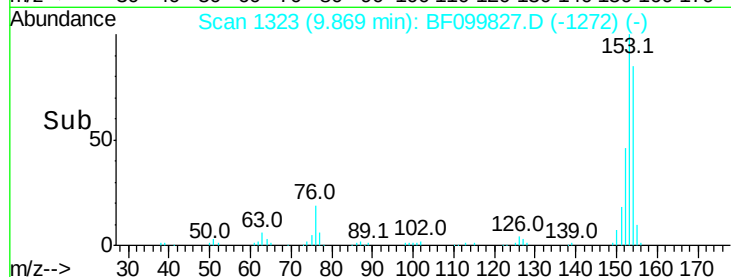
152 53.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 7.550 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

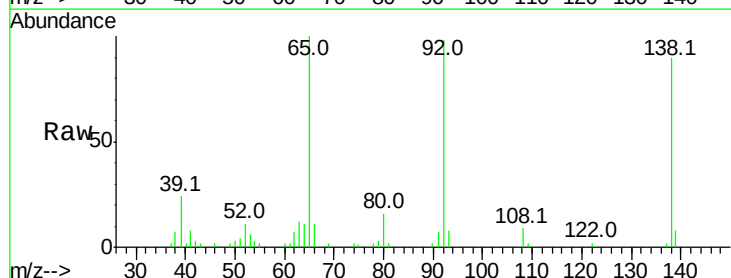
Tgt Ion:138 Resp: 21220

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

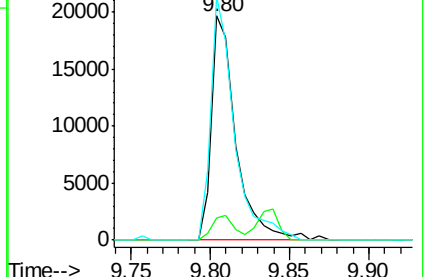
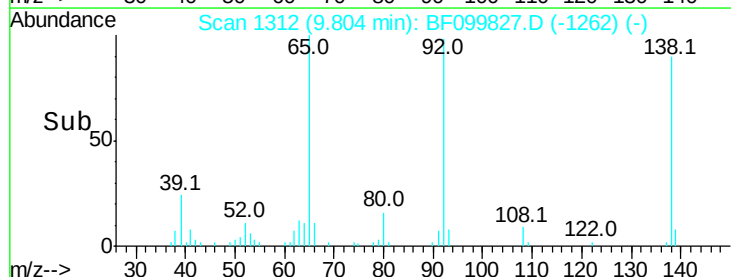
92 108.8 89.4 134.2

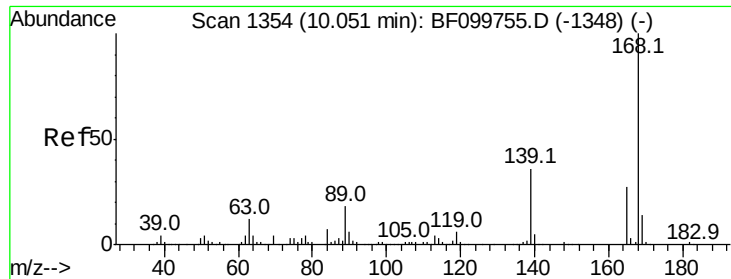


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

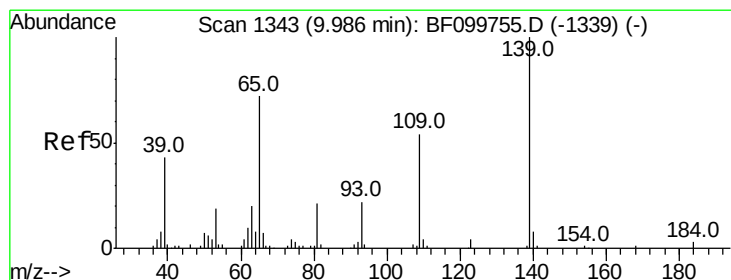
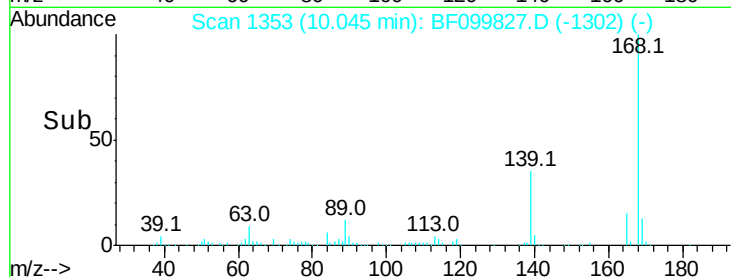
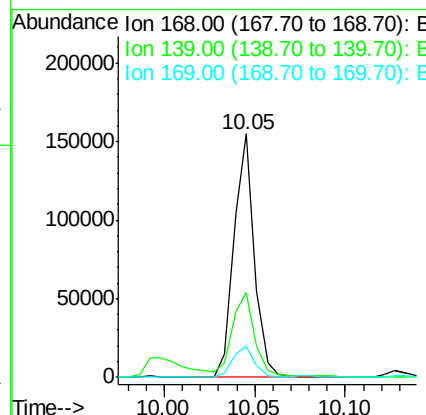
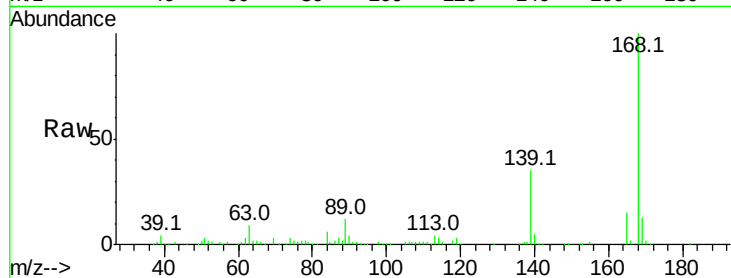




#54
Dibenzenofuran
Concen: 9.659 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

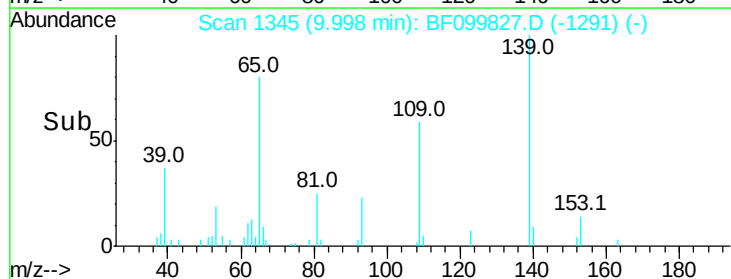
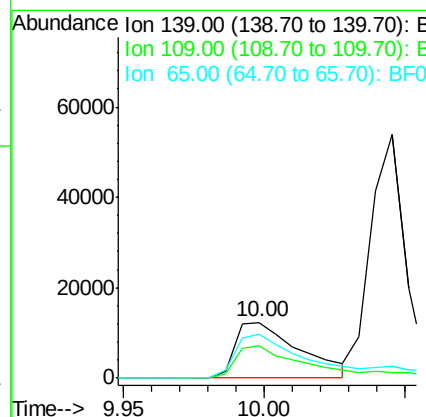
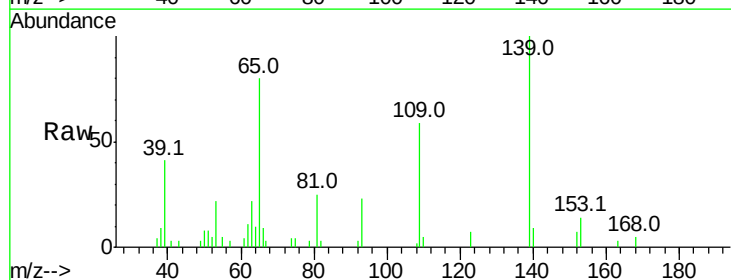
Instrument :
BNA_F
ClientSampleId :

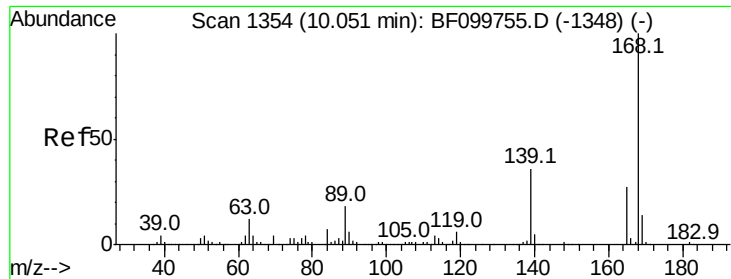
Tot Ion	Ratio	Lower	Upper
168	100		
139	34.8	30.1	45.1
169	12.7	10.9	16.3



#55
4-Nitrophenol
Concen: 13.300 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.3	48.4	88.4
65	79.8	72.6	112.6

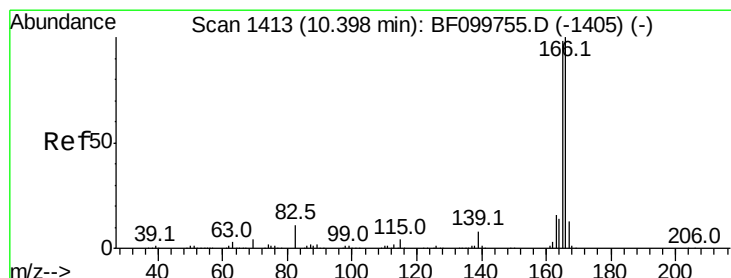
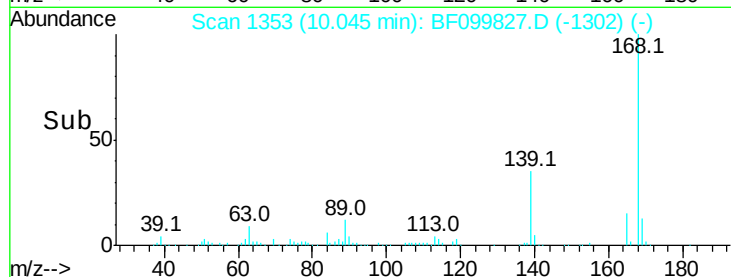
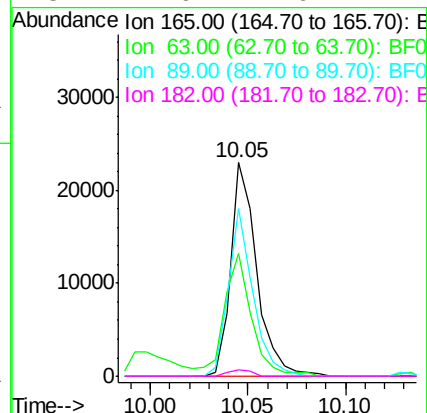
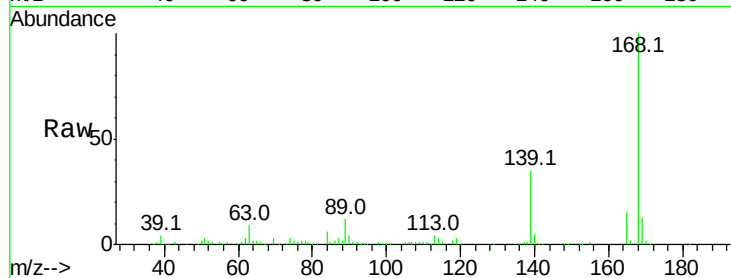




#56
 2,4-Dinitrotoluene
 Concen: 7.377 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

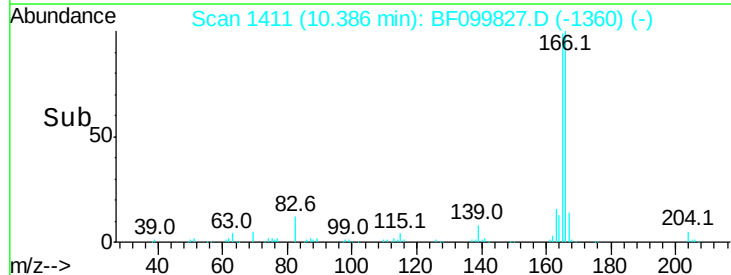
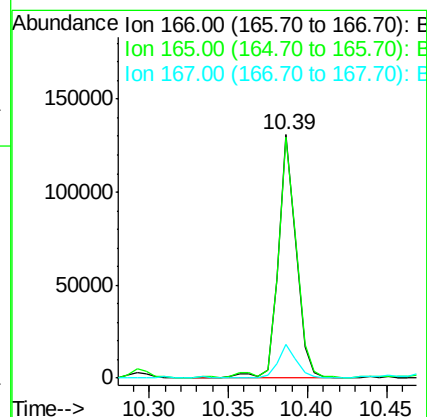
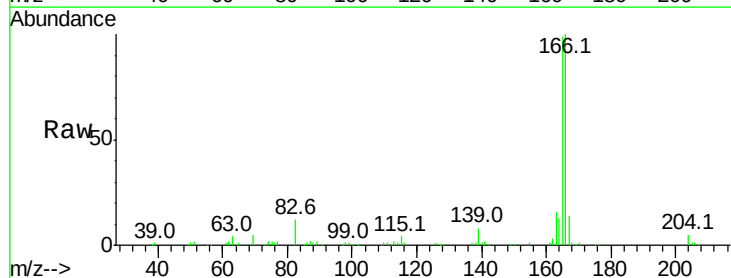
Instrument :
 BNA_F
 ClientSampleId :

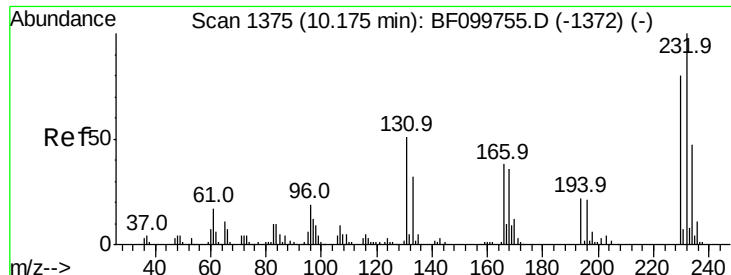
Tot Ion:165 Resp: 21192
 Ion Ratio Lower Upper
 165 100
 63 57.3 36.4 54.6#
 89 78.6 57.8 86.6
 182 2.9 1.6 2.4#



#57
 Fluorene
 Concen: 10.025 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

Tgt Ion:166 Resp: 103799
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.8 119.8
 167 13.9 10.6 16.0

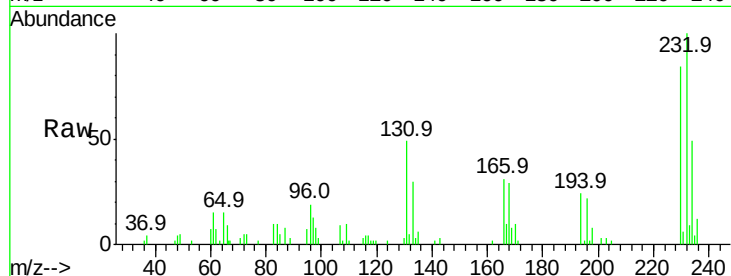




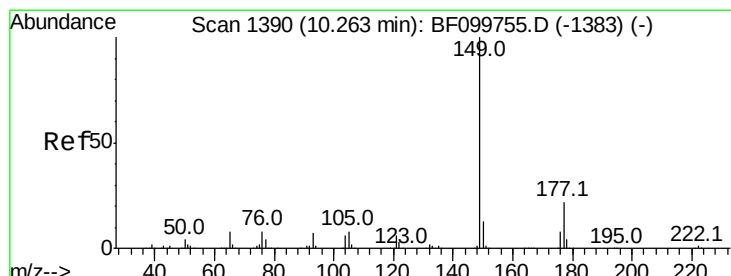
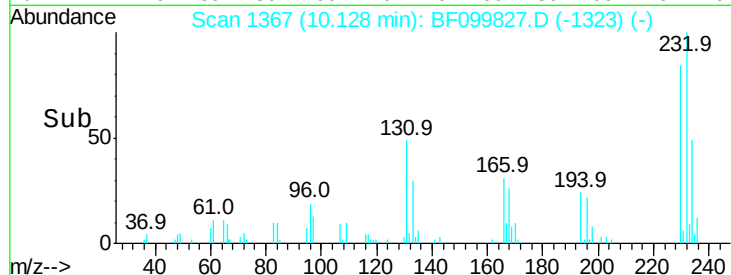
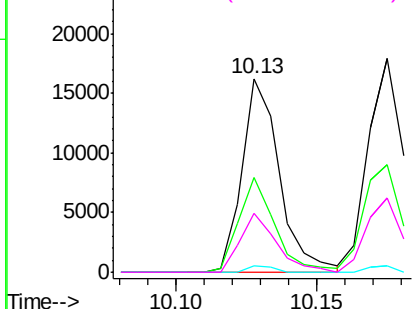
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 7.205 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.04 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 15006
 Ion Ratio Lower Upper
 232 100
 131 47.5 43.8 65.8
 130 2.2 2.1 3.1
 166 29.1 27.8 41.6

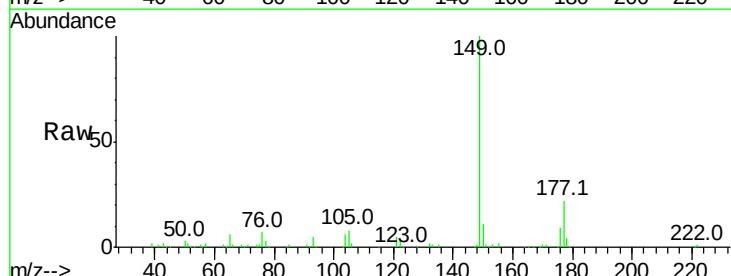


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

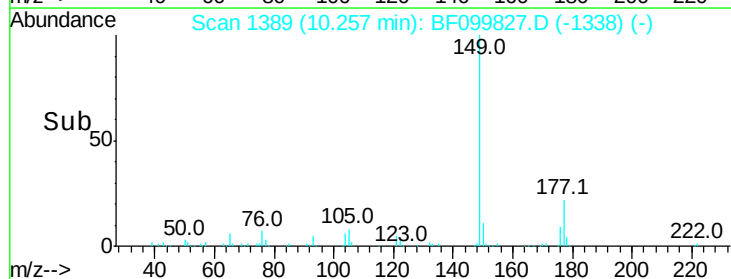
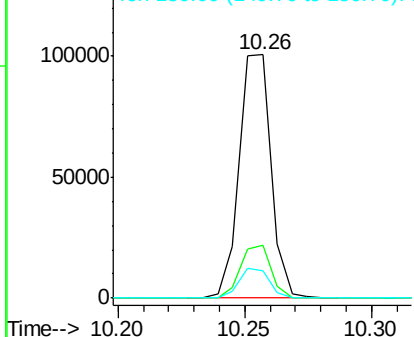


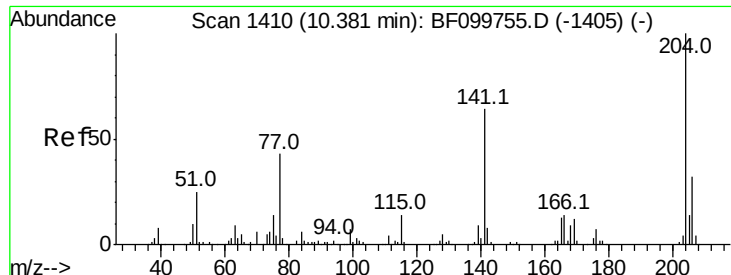
#59
 Diethylphthalate
 Concen: 7.924 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

Tgt Ion:149 Resp: 87798
 Ion Ratio Lower Upper
 149 100
 177 21.7 16.1 24.1
 150 11.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

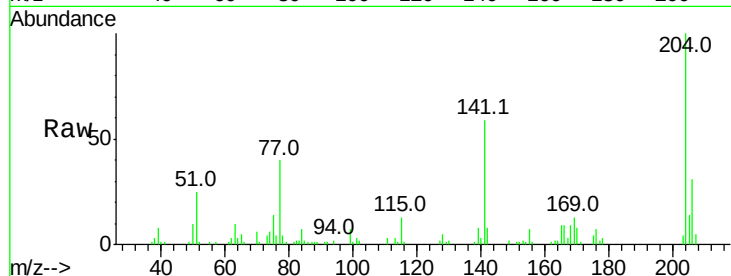




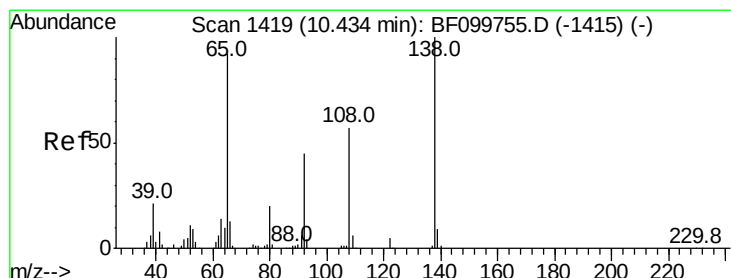
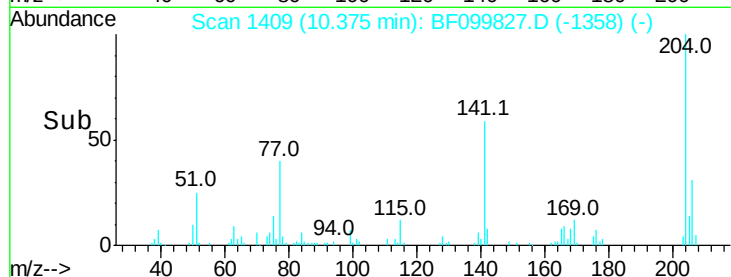
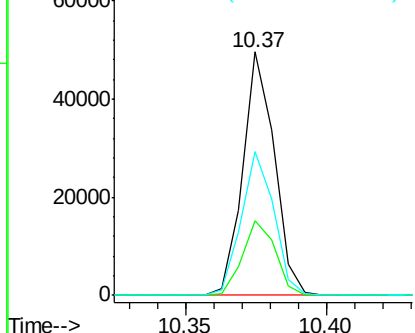
#60
4-Chlorophenyl-phenylether
Concen: 7.876 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 38376
Ion Ratio Lower Upper
204 100
206 30.8 26.5 39.7
141 59.0 54.6 81.8

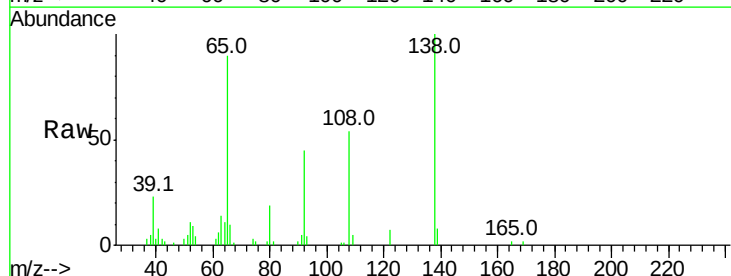


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

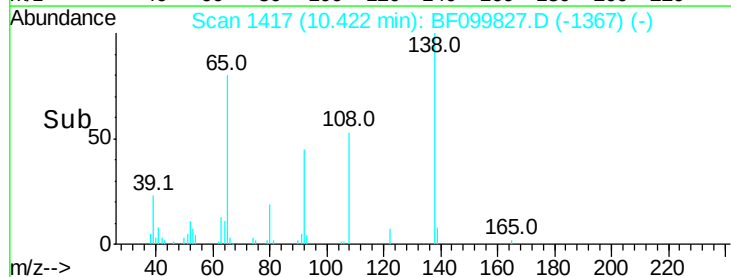
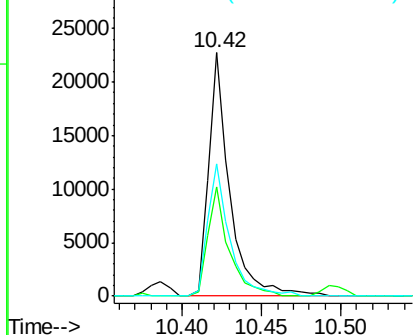


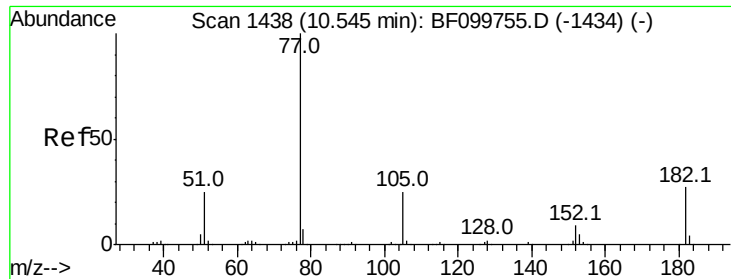
#61
4-Nitroaniline
Concen: 7.938 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Tgt Ion:138 Resp: 21287
Ion Ratio Lower Upper
138 100
92 44.7 30.2 70.2
108 54.4 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 9.229 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 85724

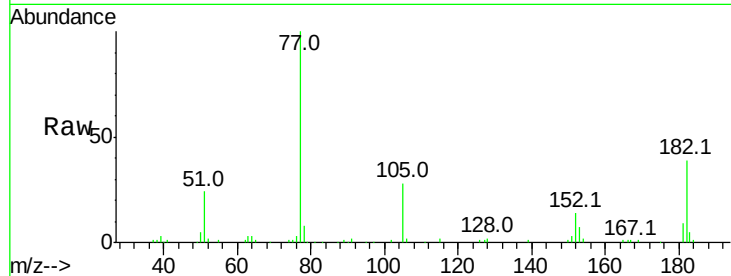
Ion Ratio Lower Upper

77 100

182 38.8 1.7 41.7

105 28.3 3.0 43.0

51 24.0 9.9 49.9

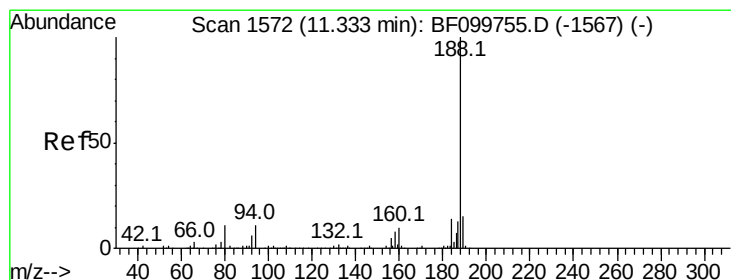
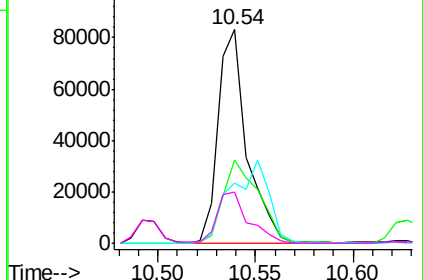
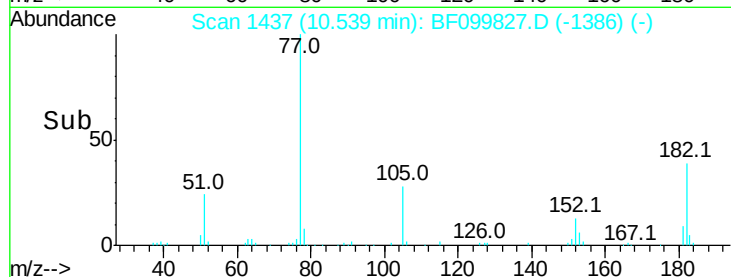


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

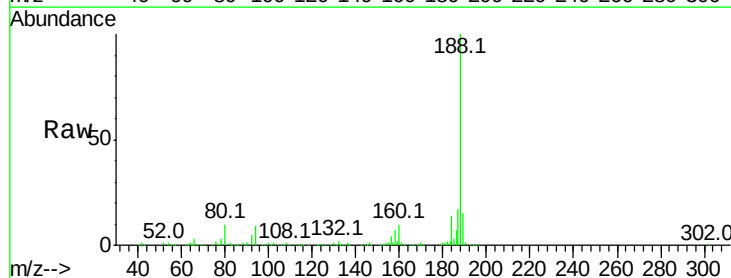
Tgt Ion: 188 Resp: 256197

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

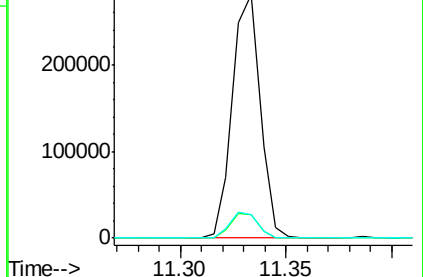
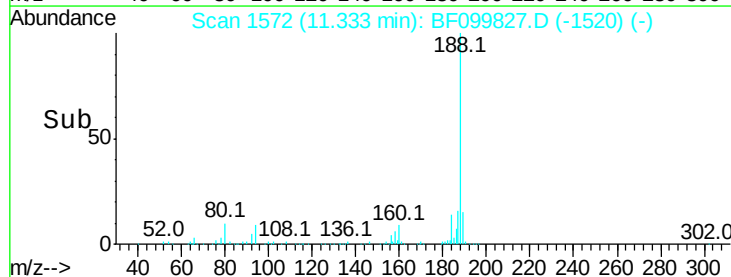
80 9.8 9.2 13.8

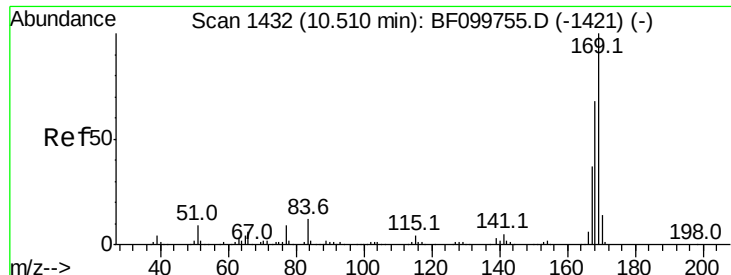


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

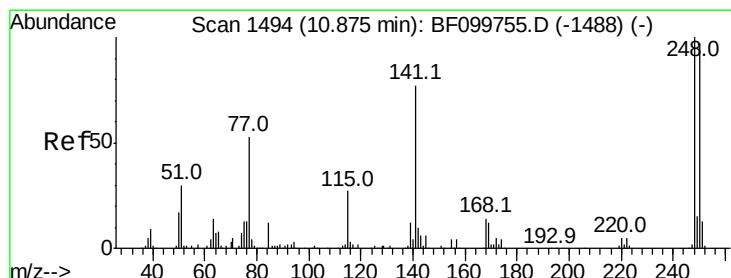
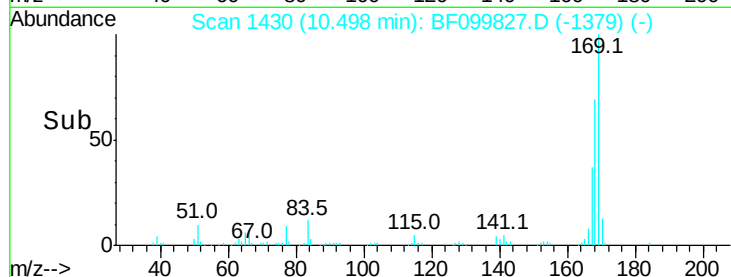
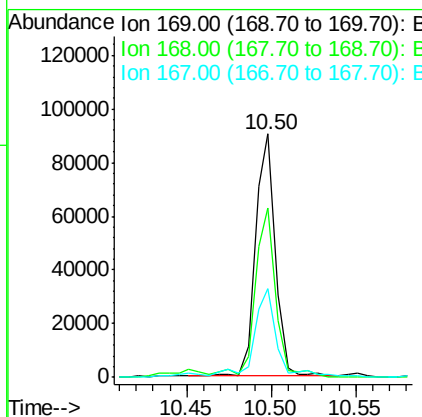
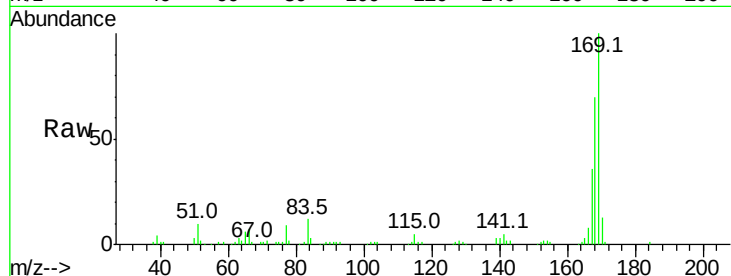




#65
 n-Nitrosodiphenylamine
 Concen: 7.848 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

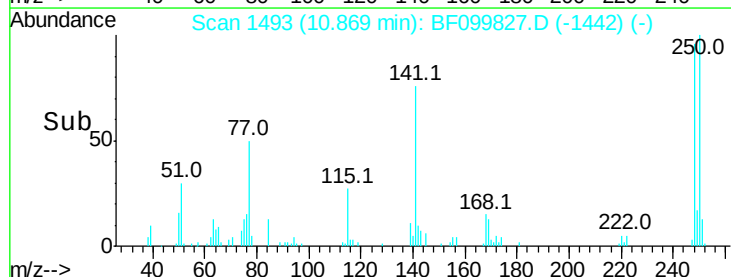
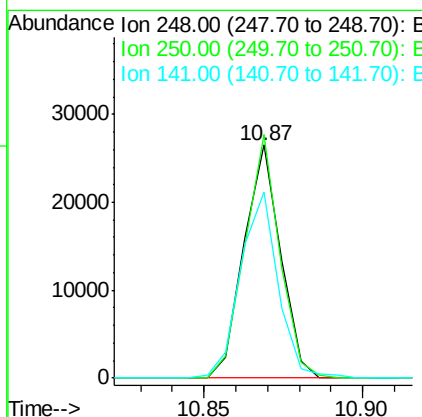
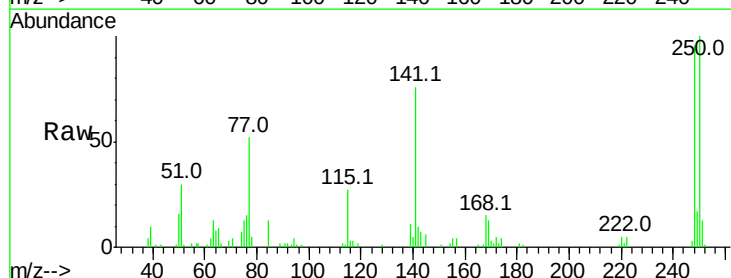
Instrument :
 BNA_F
 ClientSampleId :

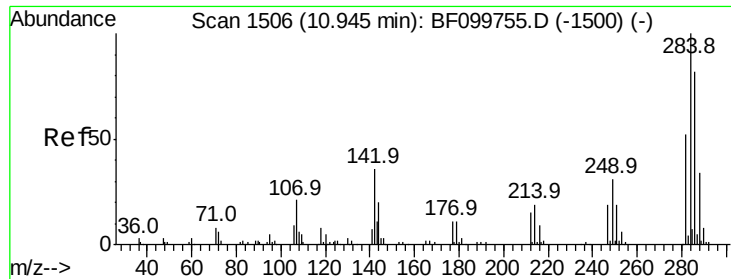
Tot Ion:169 Resp: 74224
 Ion Ratio Lower Upper
 169 100
 168 69.7 54.4 81.6
 167 36.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 7.844 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

Tgt Ion:248 Resp: 21157
 Ion Ratio Lower Upper
 248 100
 250 104.5 76.9 115.3
 141 79.9 74.4 111.6

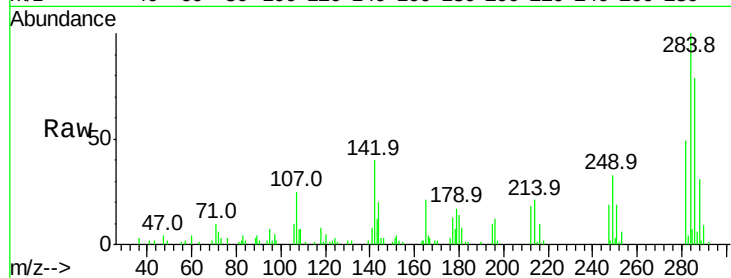




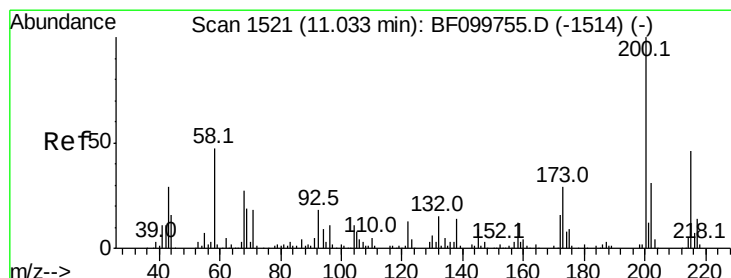
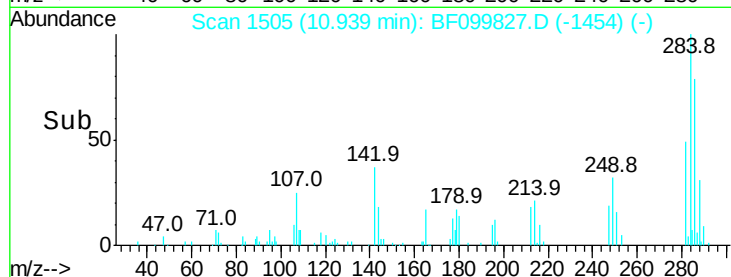
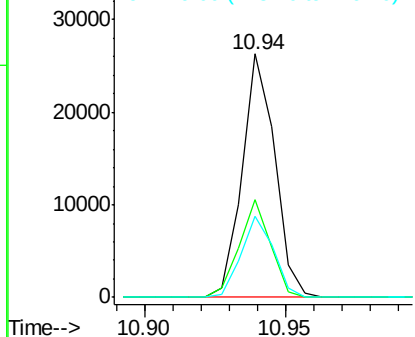
#67
Hexachlorobenzene
Concen: 7.641 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 21085
Ion Ratio Lower Upper
284 100
142 40.1 34.6 52.0
249 33.3 24.8 37.2

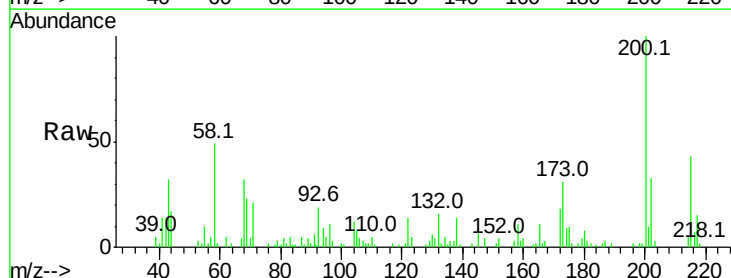


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

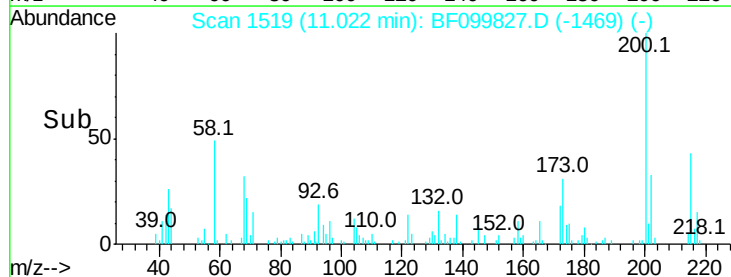
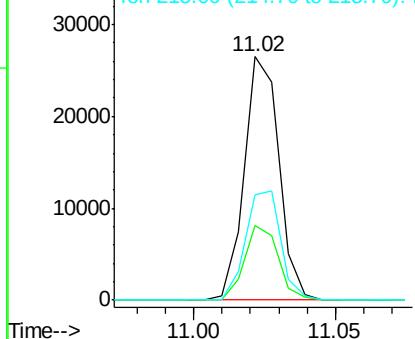


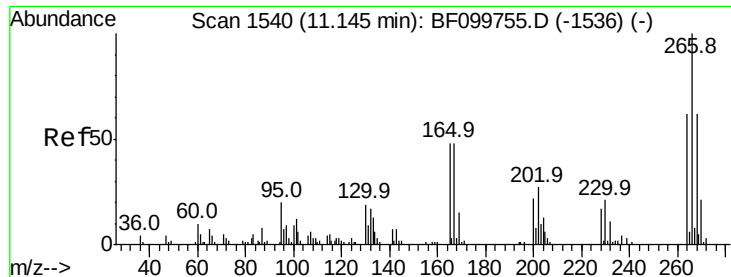
#68
Atrazine
Concen: 7.933 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Tgt Ion:200 Resp: 22536
Ion Ratio Lower Upper
200 100
173 30.8 8.6 48.6
215 43.4 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

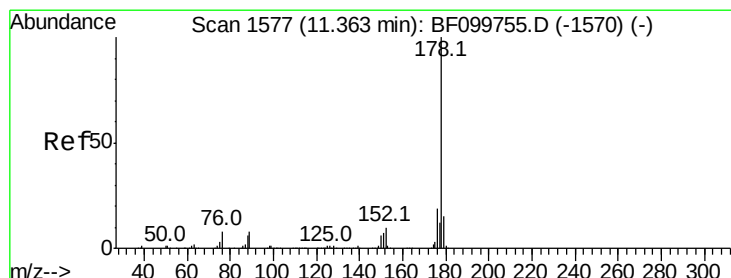
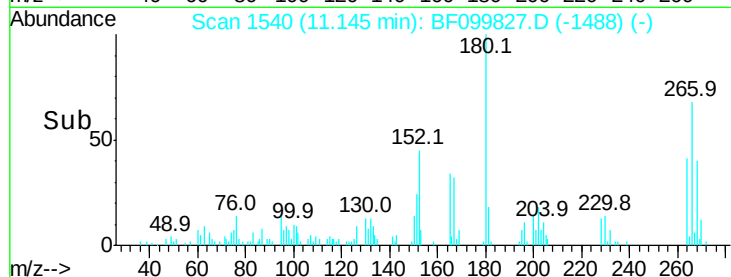
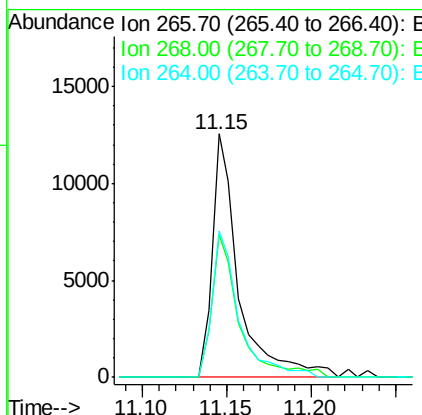
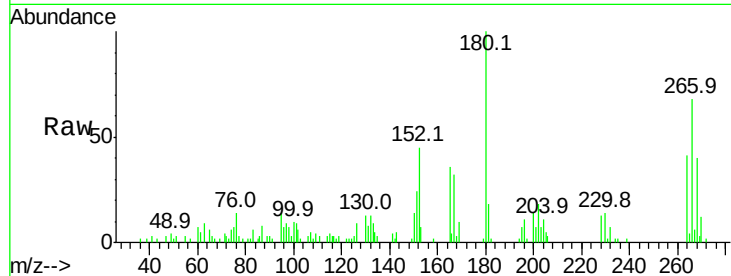




#69
 Pentachlorophenol
 Concen: 11.689 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

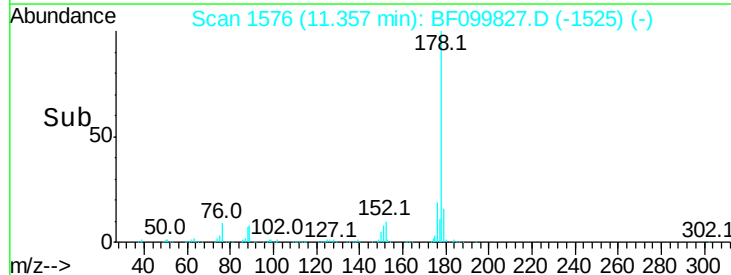
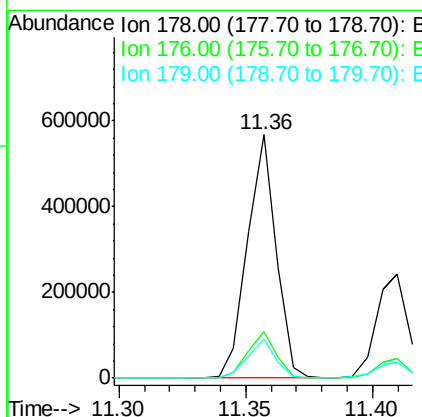
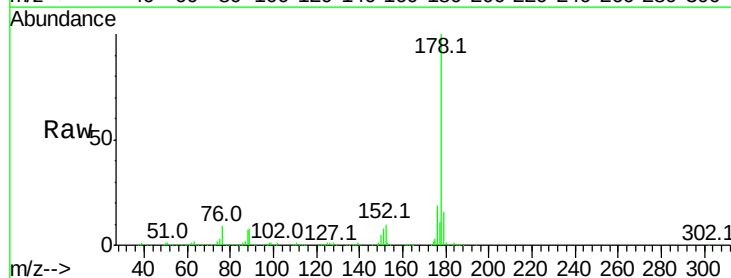
Instrument :
 BNA_F
 ClientSampleId :

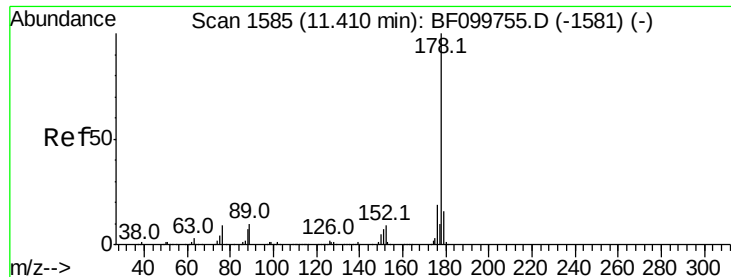
Tot Ion:266 Resp: 13782
 Ion Ratio Lower Upper
 266 100
 268 58.6 51.1 76.7
 264 60.4 49.5 74.3



#70
 Phenanthrene
 Concen: 31.006 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

Tgt Ion:178 Resp: 448296
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.7 13.0 19.6

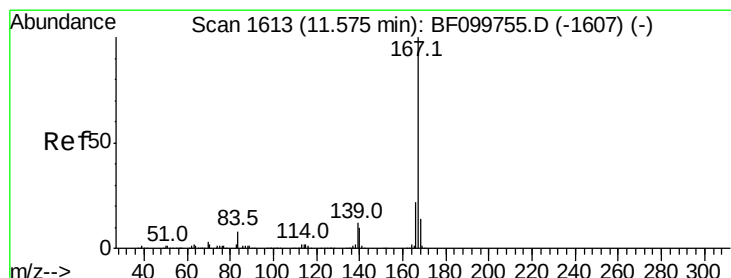
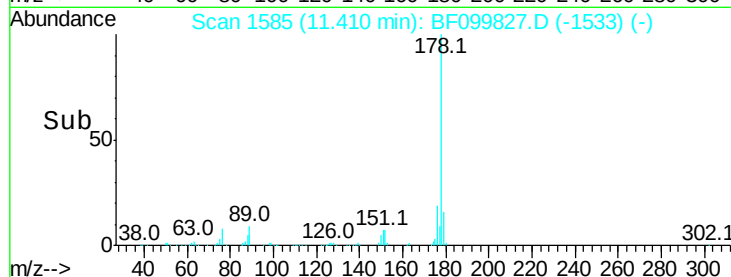
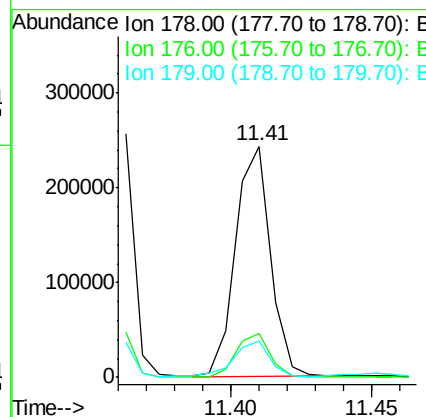
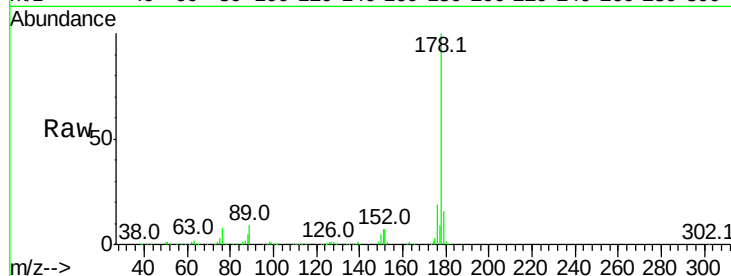




#71
 Anthracene
 Concen: 14.199 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

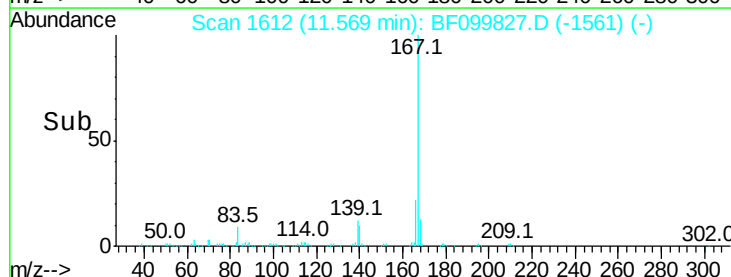
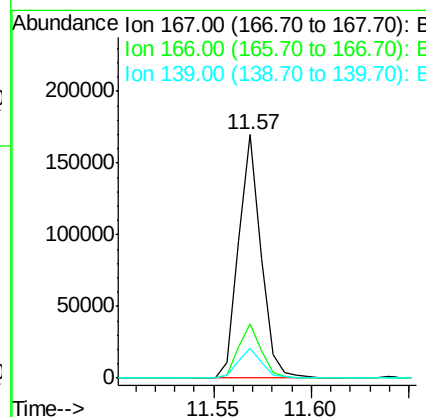
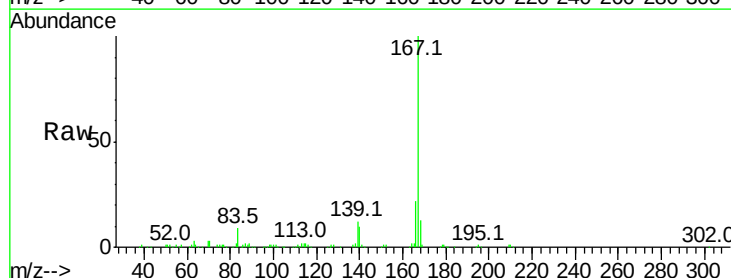
Instrument :
 BNA_F
 ClientSampleId :

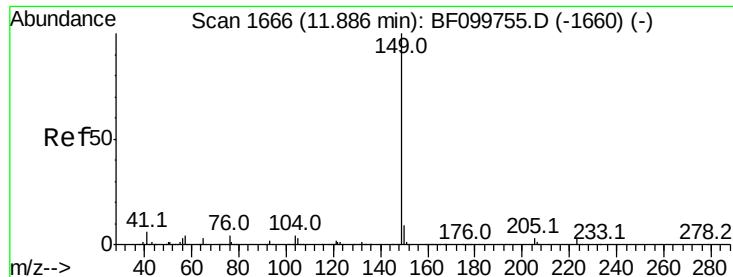
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.7	12.6	19.0



#72
 Carbazole
 Concen: 9.850 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	12.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 8.250 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.01 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

Instrument :

BNA_F

ClientSampleId :

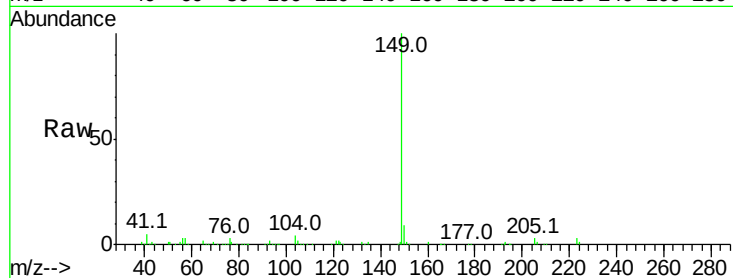
Tot Ion:149 Resp: 145218

Ion Ratio Lower Upper

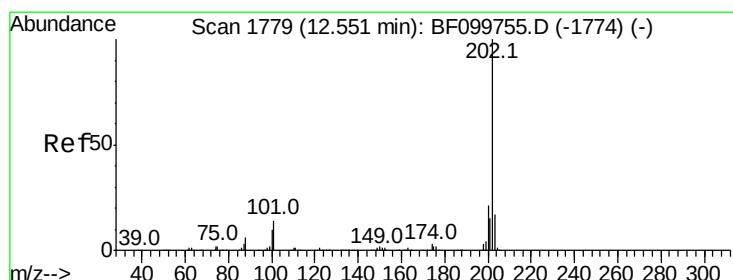
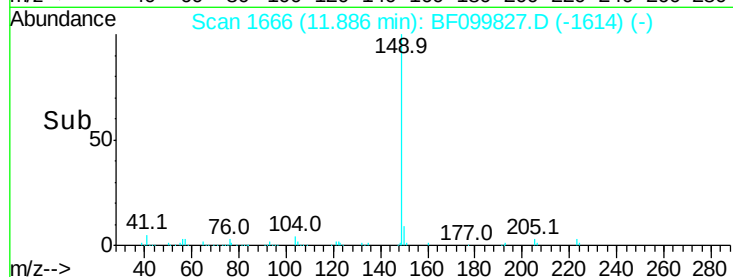
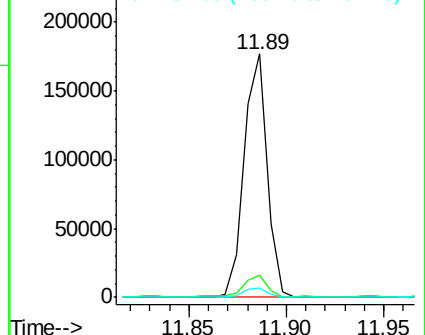
149 100

150 9.1 7.8 11.6

104 3.8 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.407 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

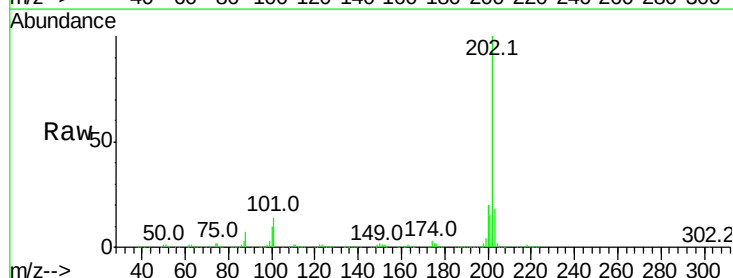
Tgt Ion:202 Resp: 637187

Ion Ratio Lower Upper

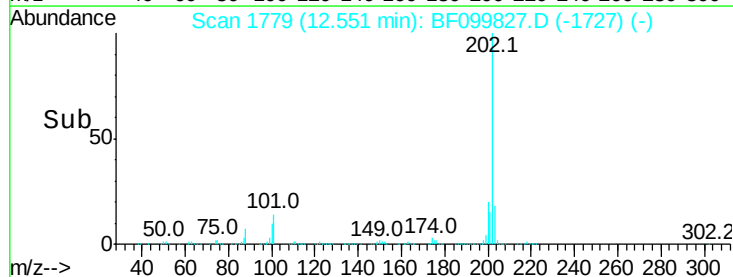
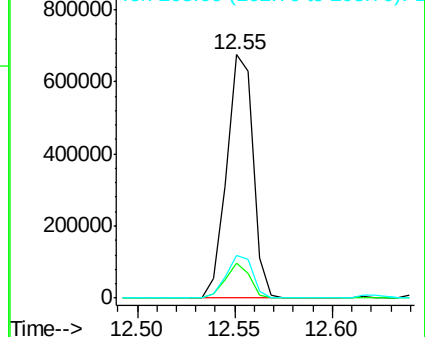
202 100

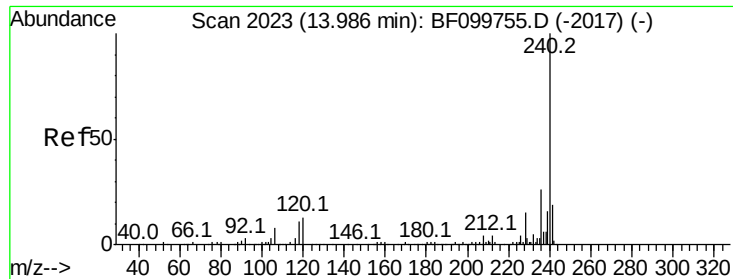
101 14.3 0.0 34.1

203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

Instrument :

BNA_F

ClientSampled :

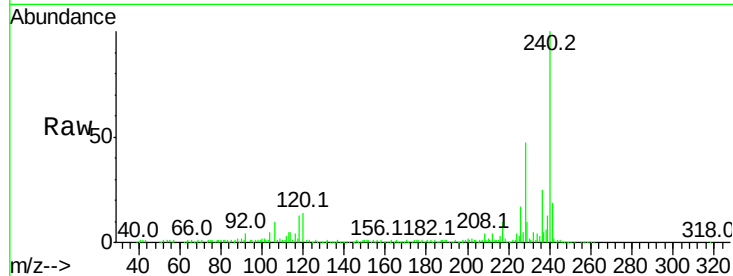
Tot Ion:240 Resp: 185599

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

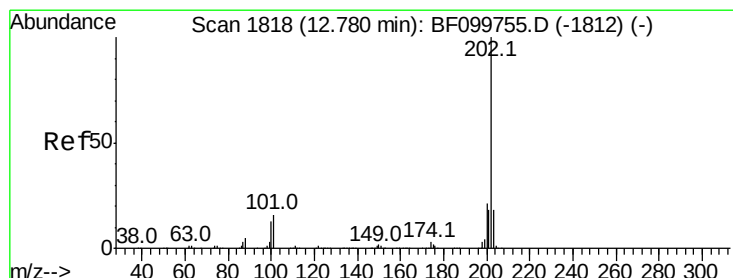
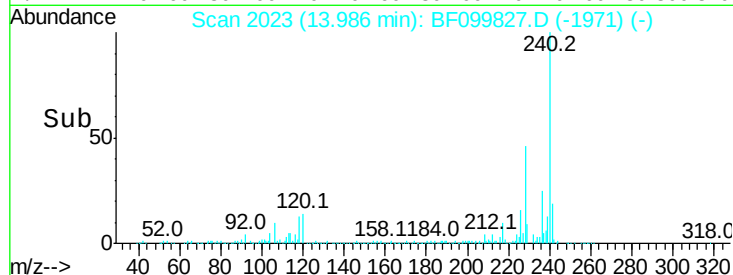
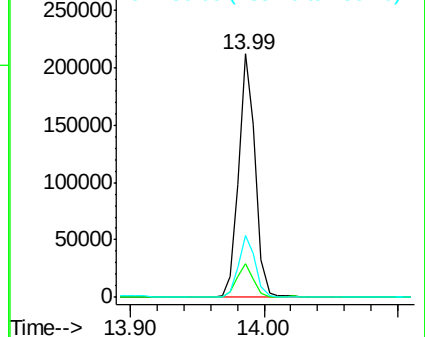
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 41.463 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

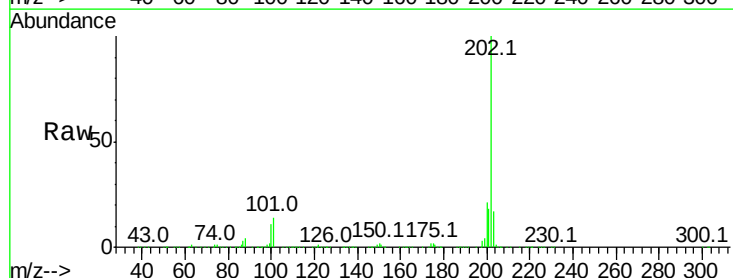
Tgt Ion:202 Resp: 585155

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

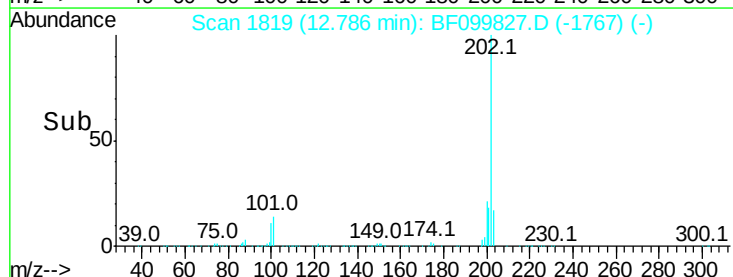
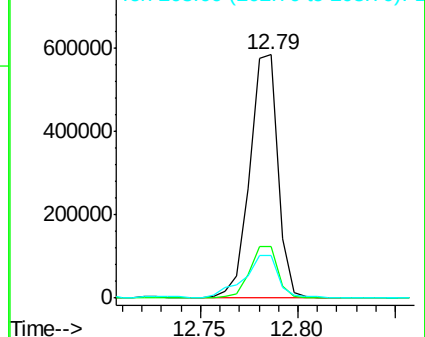
203 17.5 14.3 21.5

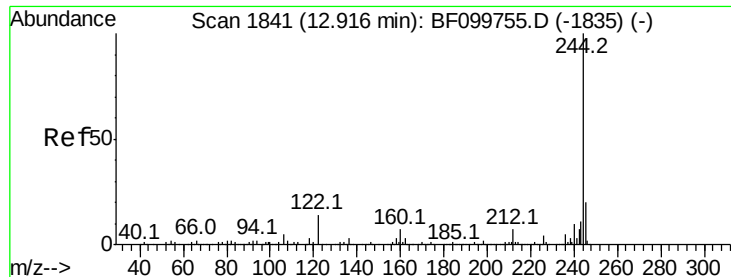


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 16.954 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

Instrument :

BNA_F

ClientSampleId :

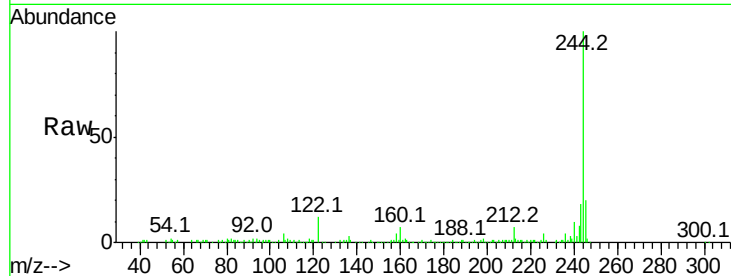
Tot Ion:244 Resp: 143986

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

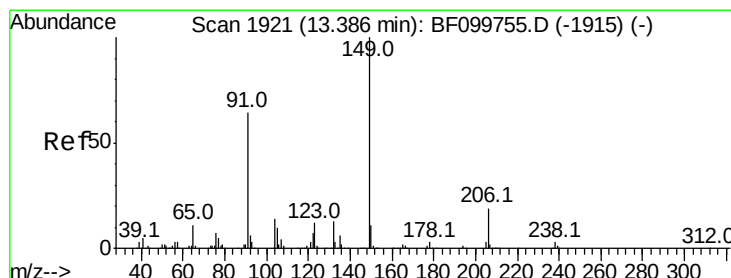
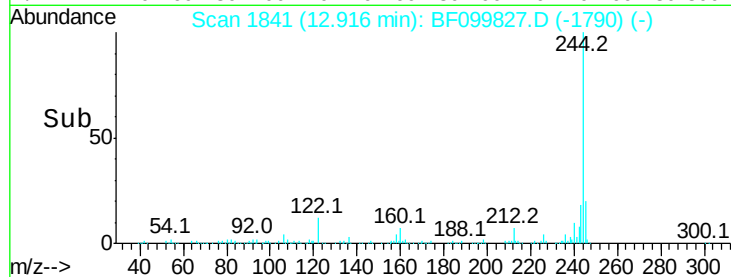
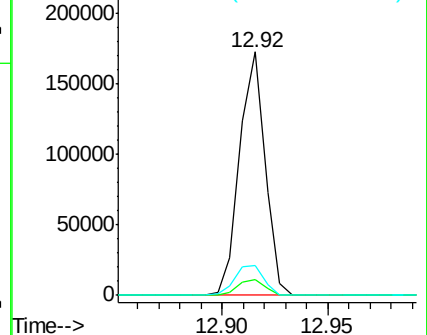
122 12.4 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 8.008 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

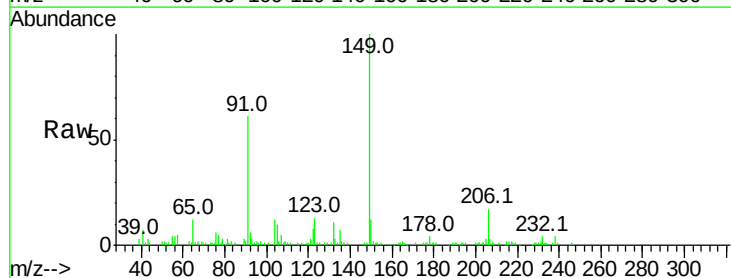
Tgt Ion:149 Resp: 55651

Ion Ratio Lower Upper

149 100

91 60.8 56.8 85.2

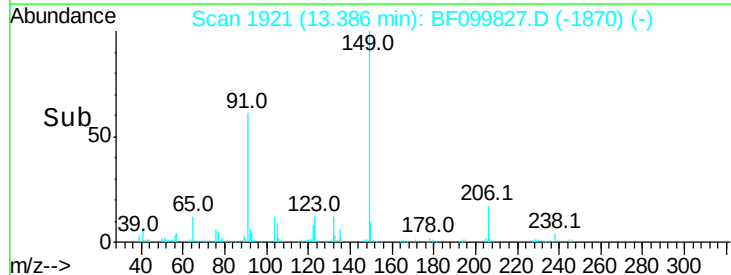
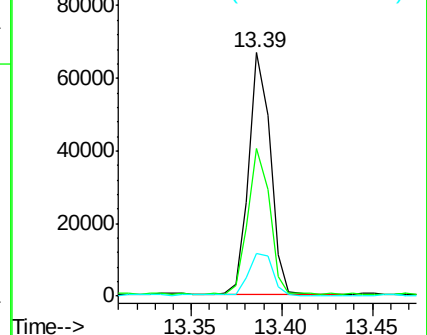
206 17.3 14.1 21.1

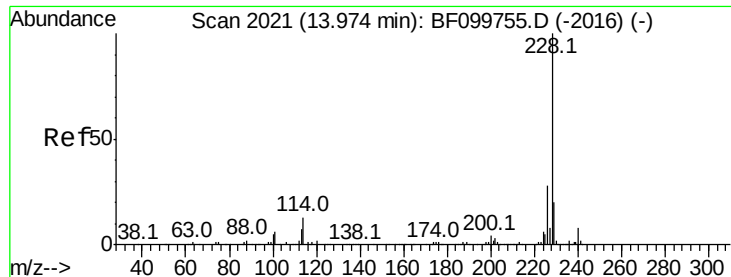


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

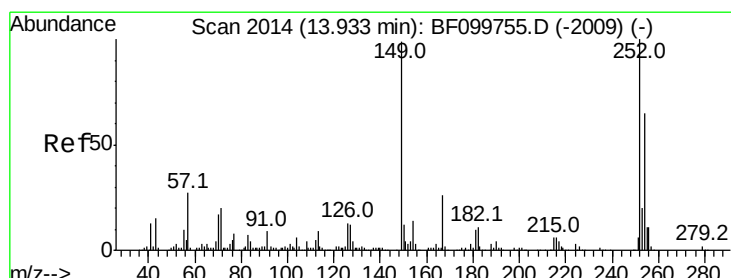
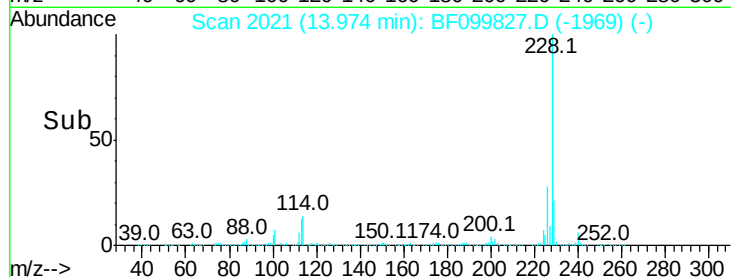
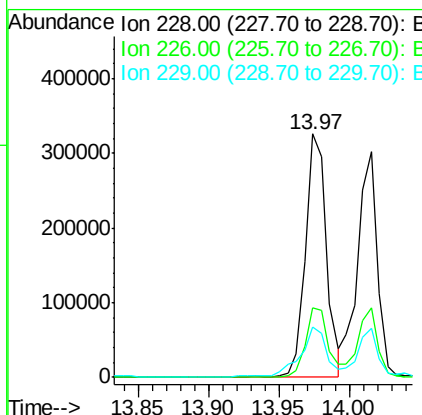
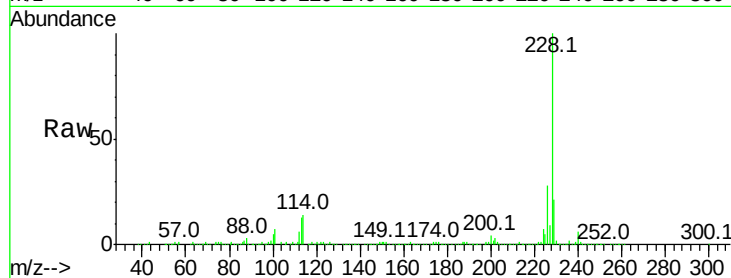




#80
Benzo(a)anthracene
Concen: 28.625 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

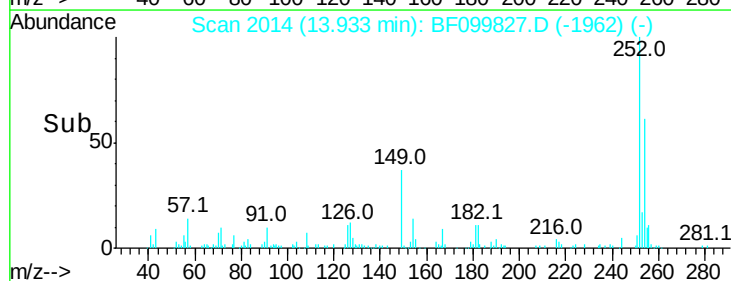
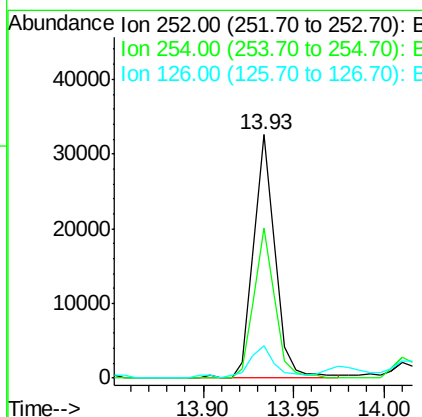
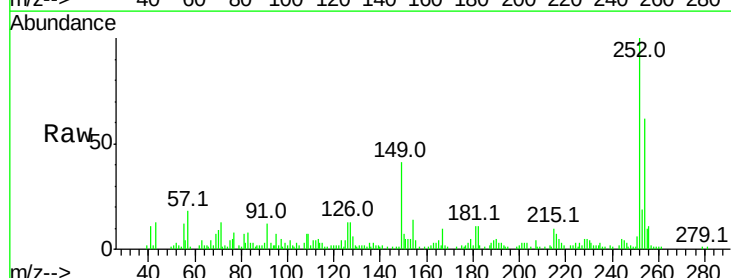
Instrument :
BNA_F
ClientSampleId :

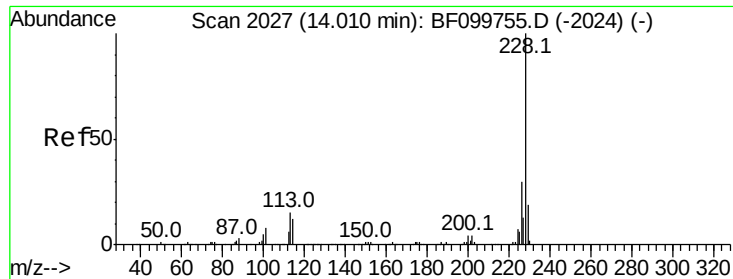
Tot Ion:228 Resp: 336798
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.7 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 6.327 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Tgt Ion:252 Resp: 27021
Ion Ratio Lower Upper
252 100
254 61.6 50.4 75.6
126 13.4 11.3 16.9

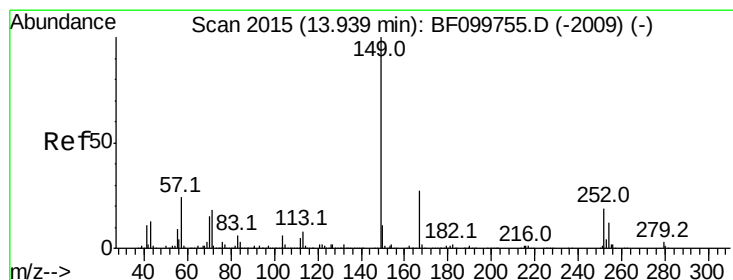
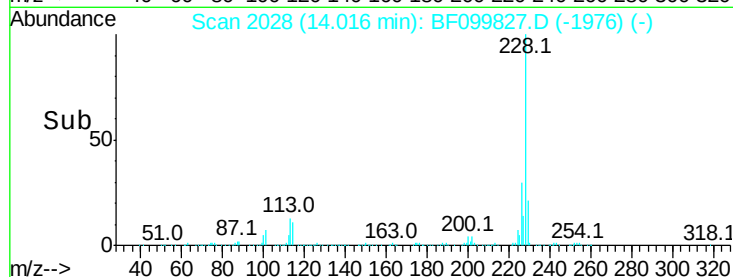
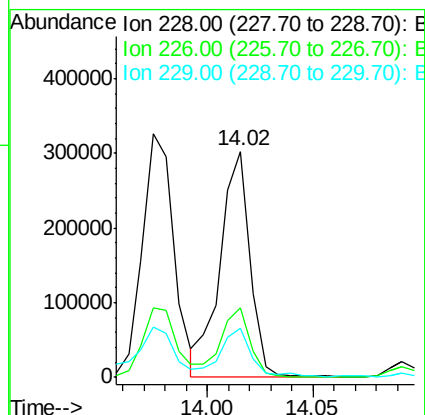
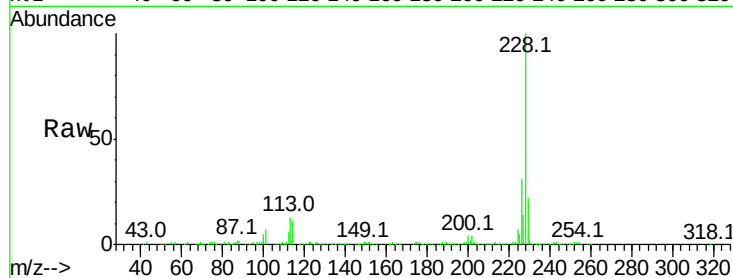




#82
 Chrysene
 Concen: 26.533 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

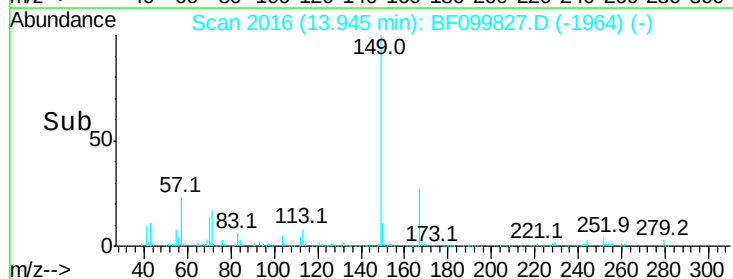
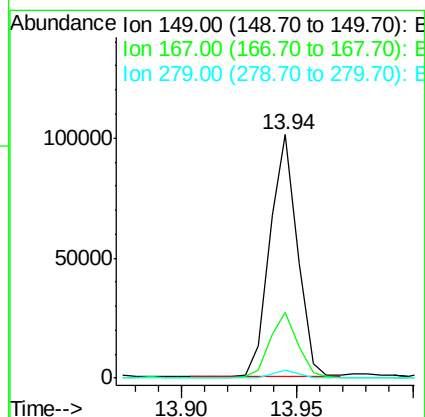
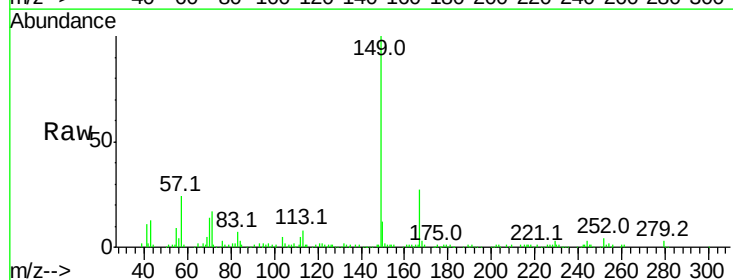
Instrument :
 BNA_F
 ClientSampleId :

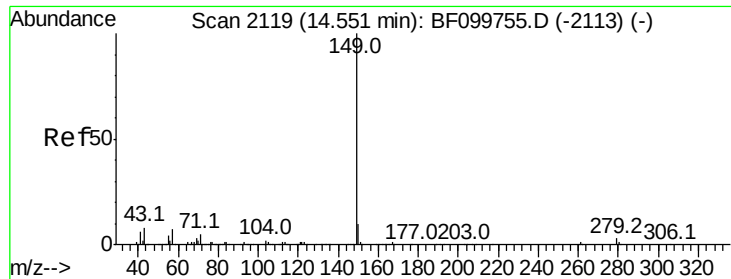
Tot Ion:228 Resp: 293488
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 21.5 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 8.535 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF099827.D
 Acq: 25 Oct 2017 21:43

Tgt Ion:149 Resp: 83294
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.3 31.9
 279 3.1 3.0 4.4

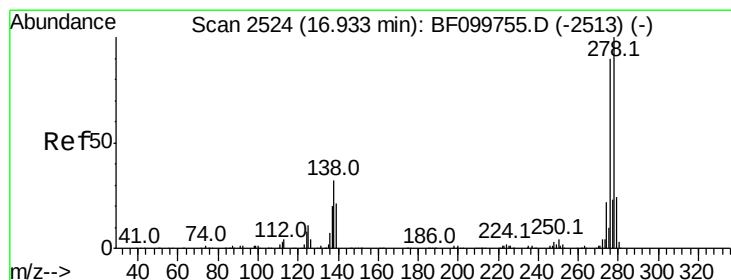
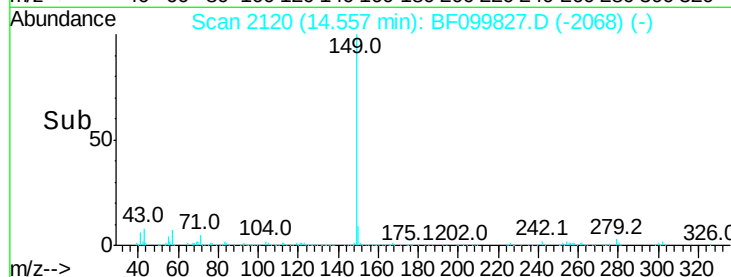
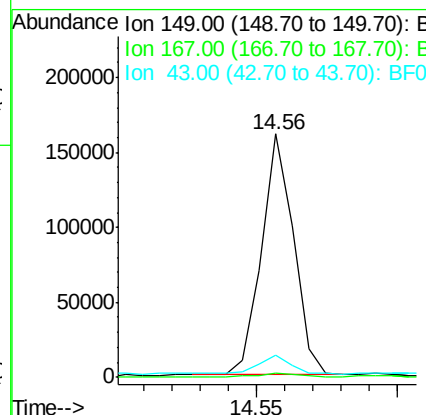
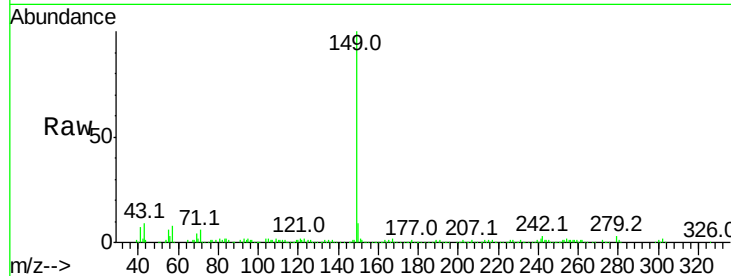




#84
Di-n-octyl phthalate
Concen: 7.567 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

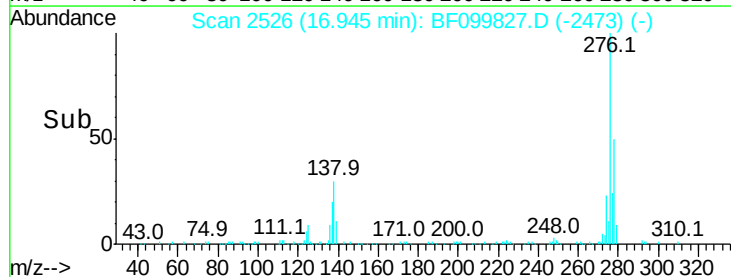
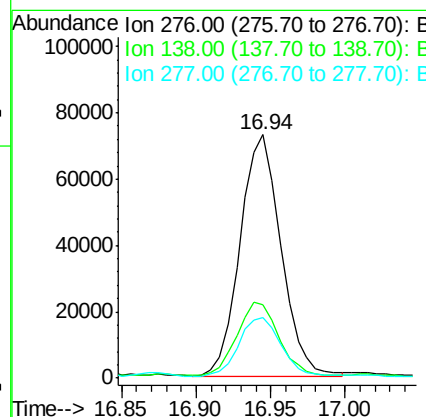
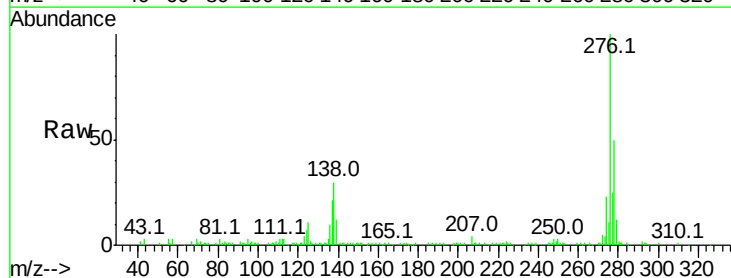
Instrument :
BNA_F
ClientSampleId :

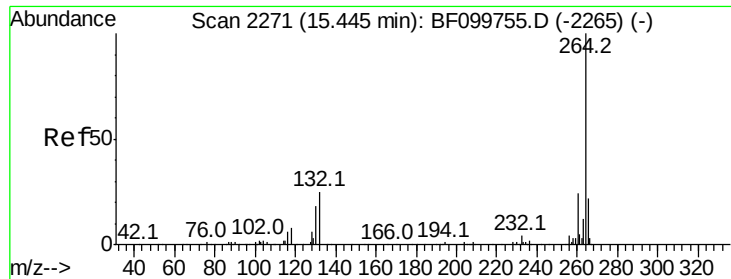
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	8.4	8.4	12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 13.643 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.01 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.2	25.0	37.6
277	25.5	20.1	30.1



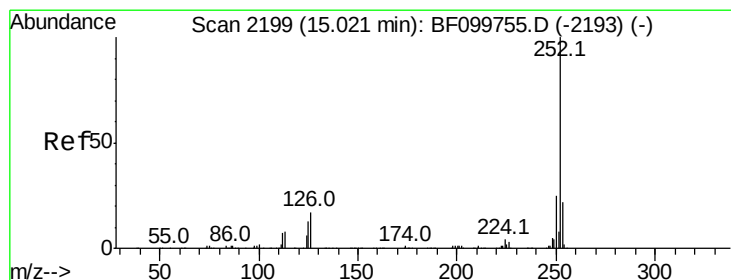
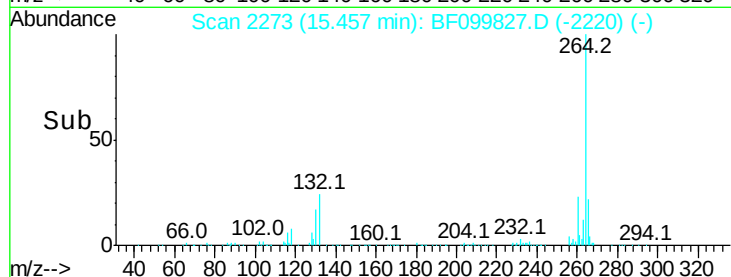
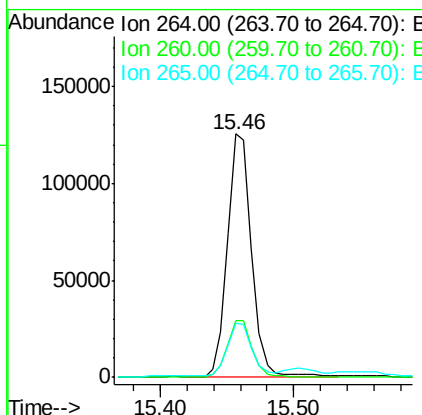
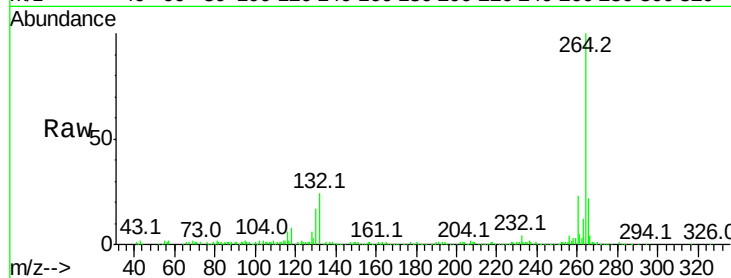


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 158709

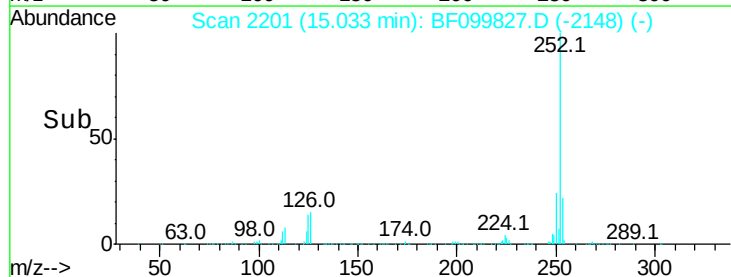
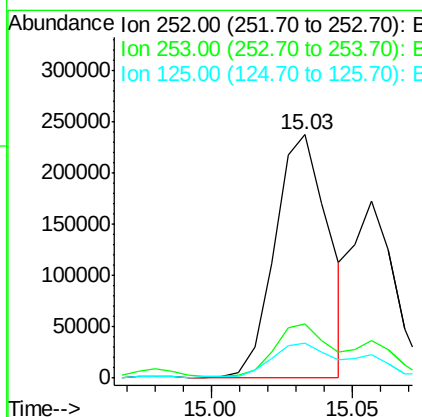
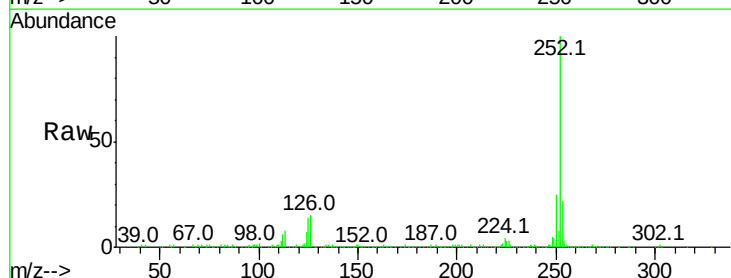
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.0	17.5	26.3

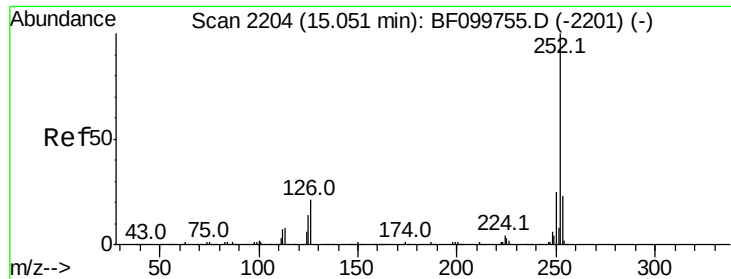


#87
Benzo(b)fluoranthene
Concen: 30.910 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Tgt Ion:252 Resp: 309767

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	14.4	9.0	13.6

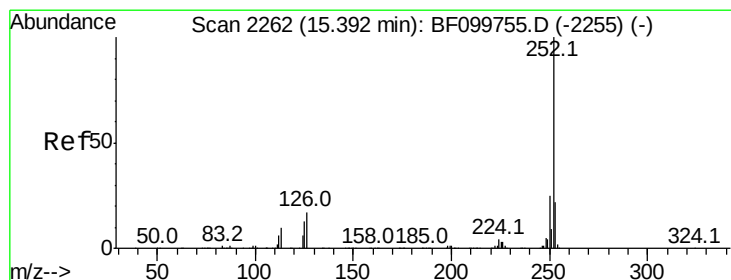
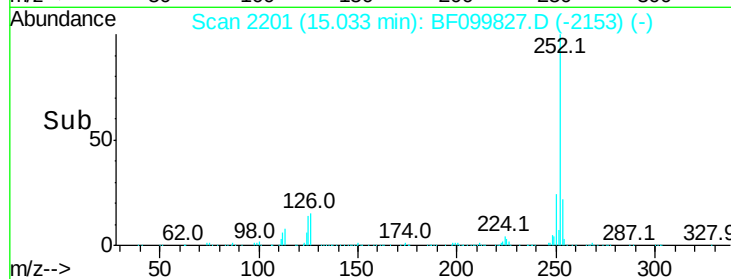
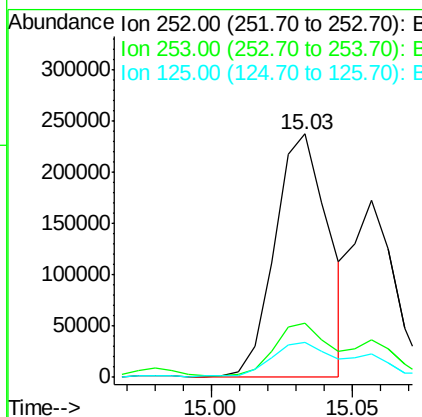
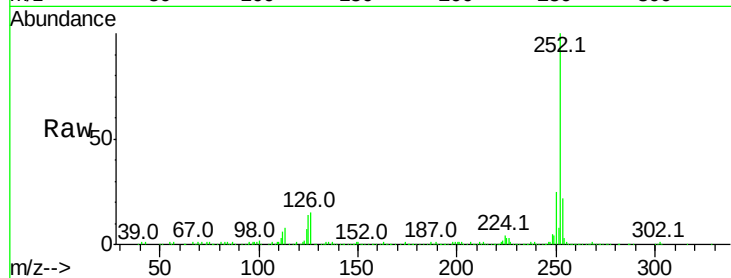




#88
Benzo(k)fluoranthene
Concen: 32.779 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

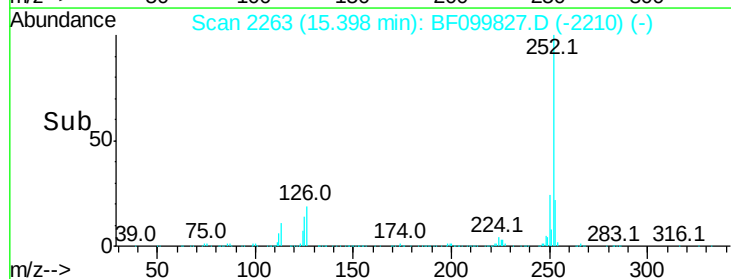
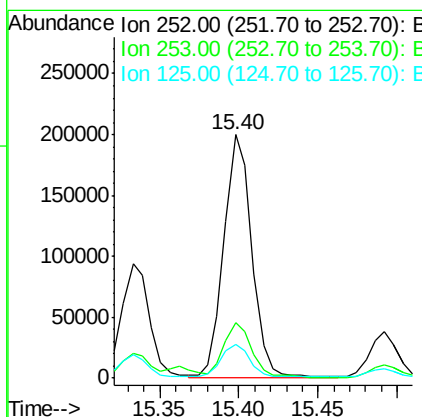
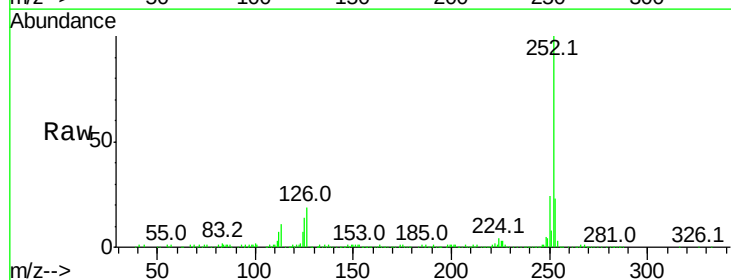
Instrument :
BNA_F
ClientSampleId :

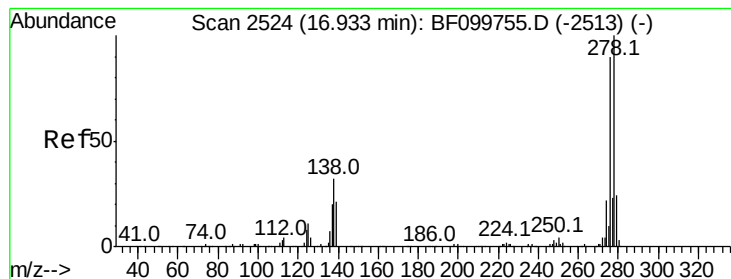
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	14.4	10.2	15.2



#89
Benzo(a)pyrene
Concen: 26.991 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF099827.D
Acq: 25 Oct 2017 21:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	14.0	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 9.010 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.01 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

Instrument :

BNA_F

ClientSampleId :

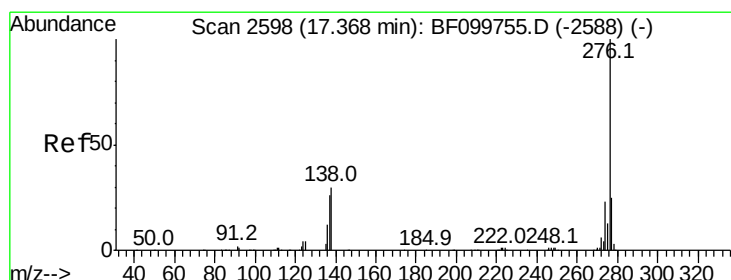
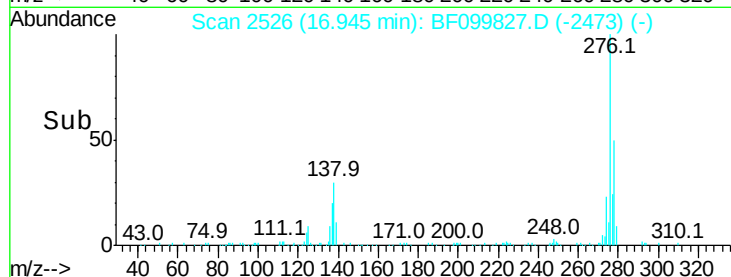
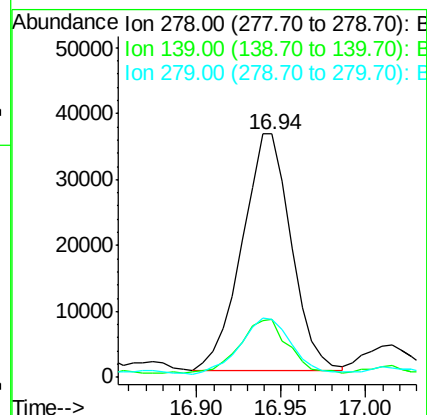
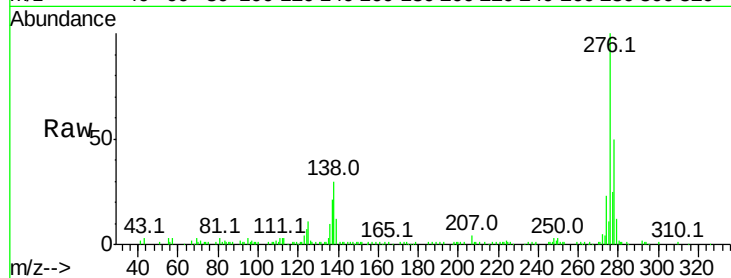
Tot Ion:278 Resp: 72074

Ion Ratio Lower Upper

278 100

139 24.0 15.9 23.9#

279 23.6 19.0 28.4



#91

Benzo(g,h,i)perylene

Concen: 15.202 ng

RT: 17.39 min Scan# 2602

Delta R.T. 0.02 min

Lab File: BF099827.D

Acq: 25 Oct 2017 21:43

Tgt Ion:276 Resp: 118973

Ion Ratio Lower Upper

276 100

277 24.3 17.9 26.9

138 29.7 21.8 32.8

